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# NEW JERSEY

# ECONOMIC INDICATORS

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Number 268 Based on data available through January 9, 1987

## CONTENTS

The Economic Situation in Brief ..... 1

Economic Briefs ..... 3

Comparison of Economic Trends in New Jersey and the United States .... 4

Annual Statement of the Economic Policy Council ..... 6

Occupational Data for Selected Trade and Transportation/ Communications/Utilities Industries ..... 20

Statistical Section ..... S-1

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# The Economic Situation in Brief

The national economy stayed on its rising curve during the fourth quarter of 1986, with employment climbing to another high in early December and unemployment edging down to 6.7% of the civilian labor force. Construction indicators showed further signs of weakness, both for homebuilding and industrial and commercial projects, but manufacturing activity picked up moderately and growth continued in the service sectors of the economy. The nation's overall growth rate remained sluggish, however, and more of the same is expected by most forecasters for the year ahead.

In contrast to the relatively lackluster performance of the national economy, New Jersey enjoyed another outstanding year during 1986. Retail sales in the Garden State advanced at nearly twice the national rate of increase and building activity continued to boom. New Jersey once again outpaced the national trend of new business formations and experienced a sharp drop in the number of business failures at a time when bankruptcies were increasing nationally. The state economy's only weak spot was manufacturing, which continued to confront intense competitive pressures in world markets. This, of course, is a problem that is national in scope.

The number of New Jersey residents with jobs climbed to a record 3.75 million during the closing months of 1986 and unemployment dropped to its lowest level since 1970. For all of 1986, the state's unemployment rate was only 5.0%, compared with 7.0% for the nation as a whole. This was the sixth year in a row during which New Jersey's jobless rate was below the national average.

All of New Jersey's employment growth during 1986 was in construction and in the service sectors, including business services, finance, wholesale and retail trade, transportation, utilities, recreational activities, government and miscellaneous personal services. In contrast, manufacturing jobs declined during most of the year, mirroring the national trend. Though partially rebounding in the fall, factory employment in the state was only about 9,000 greater in November than at the trough of the last recession. Data revisions scheduled for introduction within the next couple of weeks will wipe out even that fractional recovery.

Continued modest expansion of the national

NOTE: Narrative analysis based upon the most recent data available as of January 5, 1987. Tables may contain less current information

economy is anticipated by most forecasters for 1987. Consumer spending on big ticket items is likely to be less buoyant than during the past several years as households seek to reduce exceptionally high debt burdens. Similarly, growth of federal government spending will be restrained by budget balancing efforts. Business investment in new plant and equipment is projected to remain at close to current subdued levels and homebuilding is expected to recede, in part because of the effect of federal tax reform on apartment house investment incentives. On the plus side, most analysts expect a long-awaited improvement in the foreign trade situation finally to take hold in 1987 and counteract some of the anticipated sluggishness of domestic demand.

According to the New Jersey Economic Policy Council, gross national product will probably advance at an annual rate of about 2.3% during 1987, with a very sluggish start followed by a quicker economic pace during the second half of the year. The Council expects unemployment to remain at close to 7% and consumer prices to increase at an annual rate of about 3.4%. The Council expects New Jersey once again to outperform the nation, with employment climbing by close to 90,000, personal income growing by 2.5% after adjusting for inflation (compared with a national increase of 1.3%) and unemployment averaging about 4.9%.

The Council's full report is reprinted in this issue of New Jersey Economic Indicators starting on page 6.

COMPARATIVE ECONOMIC INDICATORS
NEW JERSEY AND UNITED STATES

| New Jersey Data (seasonally adjusted) | | | | Series | | Year to Date Percent Change From Year Ago | |
|---|---|---|---|---|---|---|---|
| Latest Month | Month Ago | Year Ago | Data For | | Page No. | N.J | U.S. |
| $138,556 | $136,683 | $129,308 | 2nd Qtr. | Personal Income (millions)** | | + 9.9 | + 7.1 |
| $ 4,381 | $ 4,787 | $ 4,099 | Oct | Retail Sales (millions) | S-22 | + 9.5 | + 5.1 |
| 2,578 | 2,861 | 2,847 | Oct | New Business Incorporations (number) | S-16 | + 8.8 | + 4.6 |
| 72 | 54 | 68 | Sep | Business Failures (number) | S-16 | - 9.2 | + 7.5 |
| 3,341 | 4,398 | 3,118 | Oct | Dwelling Units Authorized (number) | S-20 | +11.4 | + 2.1 |
| $ 748.1 | $ 849.0 | $ 695.0 | Nov | Construction Contracts (millions) | S-18 | + 7.0 | + 4.3 |
| $ 345.1 | $ 414.2 | $ 331.1 | Nov | Residential | S-18 | + 2.2 | +11.3 |
| $ 279.1 | $ 294.9 | $ 180.8 | Nov | Nonresidential | S-18 | +19.5 | - 2.8 |
| $ 103.0 | $ 137.9 | $ 173.6 | Nov | Nonbuilding* | | - 3.7 | + 0.1 |
| 3,570.8 | 3,555.0 | 3,456.8 | Nov | Nonfarm Payroll Employment (thous.) | S- 8 | + 2.9 | + 2.6 |
| 716.2 | 715.8 | 716.7 | Nov | Manufacturing (thousands) | S-10 | - 0.2 | - 0.7 |
| 2,854.6 | 2,839.2 | 2,740.1 | Nov | Nonmanufacturing (thousands) | | + 3.8 | + 3.4 |
| 173 | 216 | 232 | Nov | Total Unemployment (thous.) official | S- 4 | - 8.5 | - 0.7 |
| 4.4 | 5.5 | 6.0 | Nov | Percent of Labor Force official | S- 6 | -- | -- |
| 76.9 | 82.0 | 92.5 | Nov | Insured Unemployment (thousands) | S-24 | - 8.2 | INA |
| 2.4 | 2.5 | 2.9 | Nov | Percent of Covered Employment | S-24 | -- | -- |
| 41.0 | 40.8 | 40.8 | Nov | Average Factory Workweek (hours) | S-12 | + 0.6 | + 0.6 |
| $ 10.31 | $ 10.23 | $ 10.03 | Nov | Average Factory Hourly Earnings* | S-33 | + 3.5 | + 2.1 |
| $ 425.80 | $ 419.43 | $ 414.24 | Nov | Average Factory Weekly Earnings* | S-31 | + 4.1 | + 2.8 |

See pages S-1 to S-3 for data notes on all the above listed series.
*Not seasonally adjusted
**(Latest Month-2nd Qtr. '86)(Month Ago-1st Qtr. '85)(Year Ago-2nd Qtr. '85)
INA - Information Not Available

# Economic Briefs

## WORKERS' COMPENSATION REPORT AVAILABLE

*A Report on Workers' Compensation in New Jersey,* written by Hannah Kahn of the Office of Program Research in the Division of Planning and Research, contains a review and analysis of a variety of statistics relating to the State's Workers' Compensation Program from a historical perspective and details experience since enactment of major amendments to the law in 1979.

Among the study's major findings were that the percentage of formal closed cases litigated under the amendments increased to 84% in 1985 from 12% in 1981. In addition, the proportion of cases with awards of $10,000 or more rose to 12.5% in 1985 from 4.7% in 1982, while those below $1,000 dropped to 8.5% from 22.3% over the same period. This appears to confirm movement toward one of the goals of the 1979 legislation, namely, to increase compensation for more serious disabilities while eliminating or at least reducing the number of small "nuisance" awards being made.

Orders Approving Settlement (OAS) under Section 20 of the law were established by the amendments to resolve cases in which there is a dispute about jurisdiction, liability, casual relationship or dependency more quickly. These provide for a lump-sum settlement to the petitioner and have been used extensively. There were nearly 8,000 Orders Approving Settlement granted in 1985, with a corresponding decrease in the number of formal cases with permanent awards.

Copies of the report can be obtained by contacting Jim Phillips (292-3403) or by writing to N.J. Department of Labor, Division of Planning and Research, CN 057, Trenton, NJ 08625-0057.

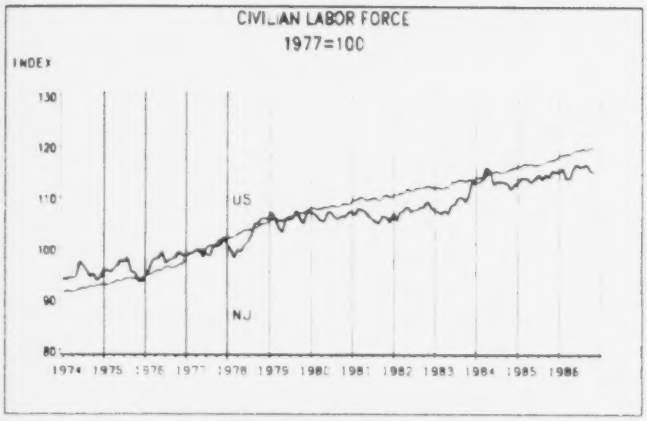
## REVISION OF CPI TO BE DISCUSSED

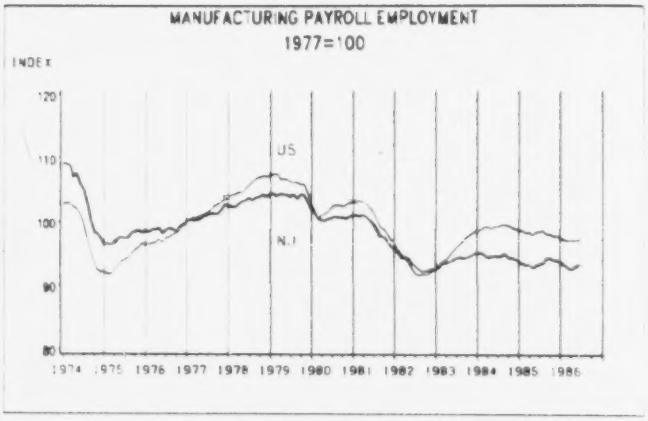
Samuel M. Ehrenhalt, Regional Commissioner of Labor Statistics, announced that the 1987 revision of the U.S. Department of Labor's Consumer Price Index (CPI) will be discussed at a public meeting to be held in New York City at 2:00 p.m. on Wednesday, February 25, 1987 at the Roosevelt Hotel, 45th Street and Madison Avenue. The CPI, last revised in 1978, will include changes reflective of consumer spending patterns in the 1980s as well as a number of index improvements.

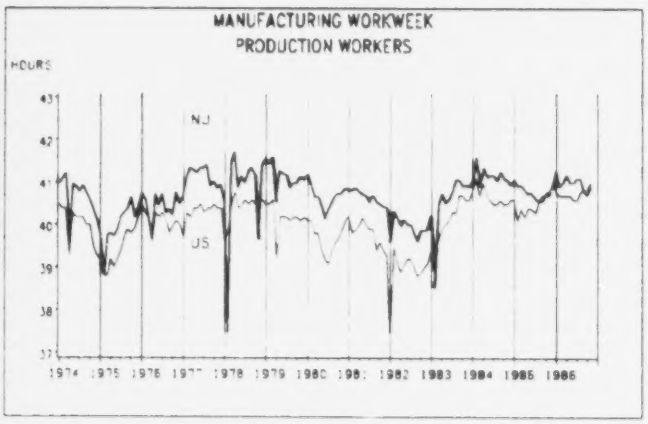
Because of the importance of the index and the need for public understanding of the revision, the meeting is being held as a public service for persons and organizations wishing to know more about the Bureau's updated Consumer Price Index. Ehrenhalt noted that the incomes of about half the nation's population are affected by adjustments based on the CPI through an array of escalator processes covering federal entitlements, wage and sales contracts, rents and alimony. Given the significance of the index and its uses, Dr. Janet L. Norwood, Commissioner of Labor Statistics, will personally discuss the index and its revision and answer questions raised by users.

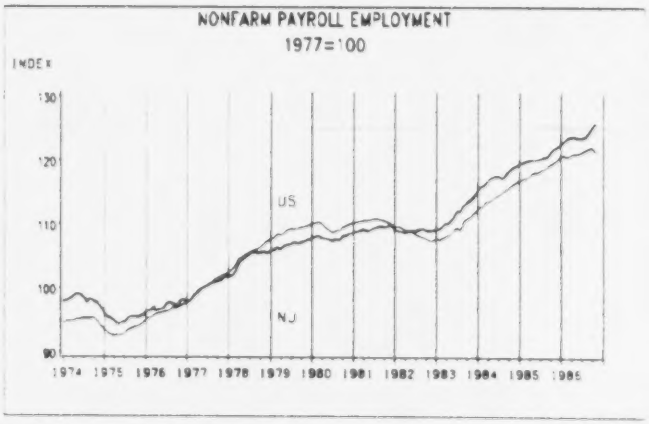
Reservations may be made by calling the Bureau's regional office at (212) 944-3117.

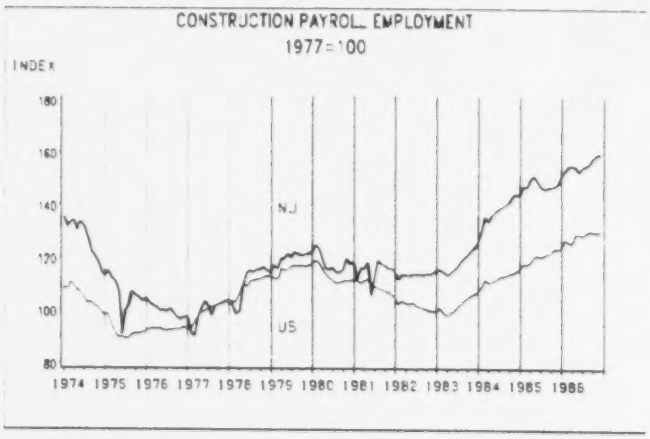
# Comparisons of Economic Trends In New Jersey and the United States



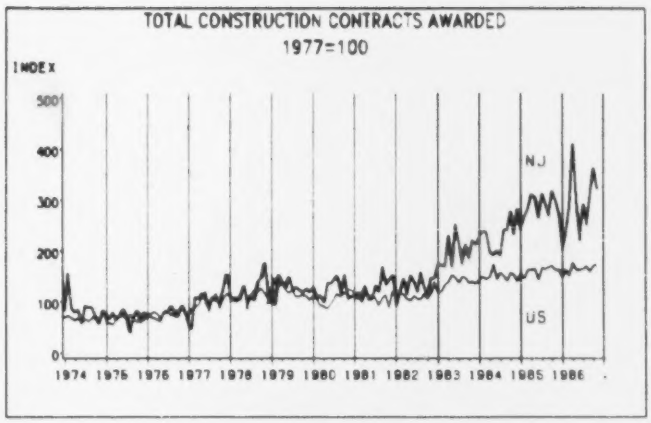



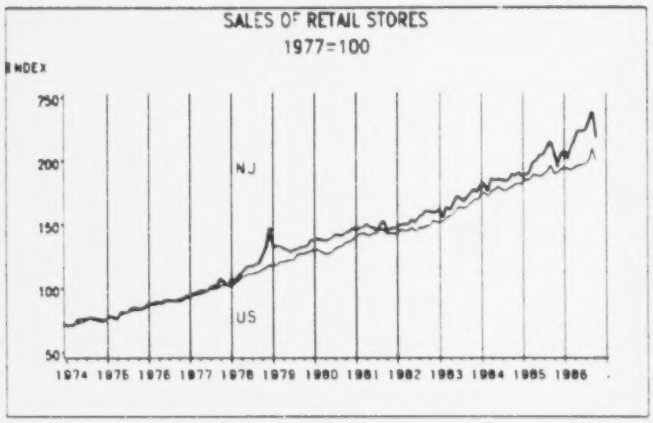



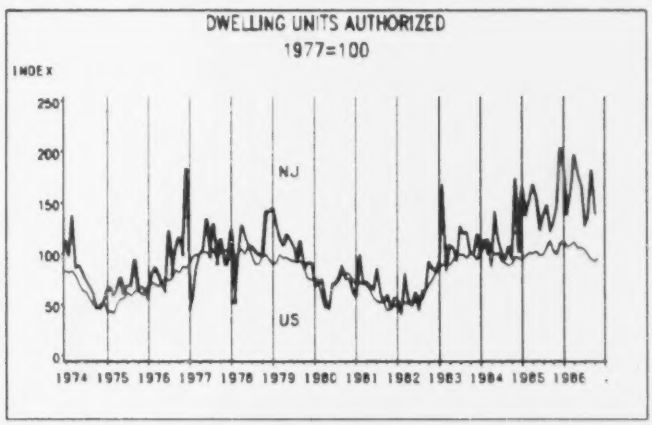



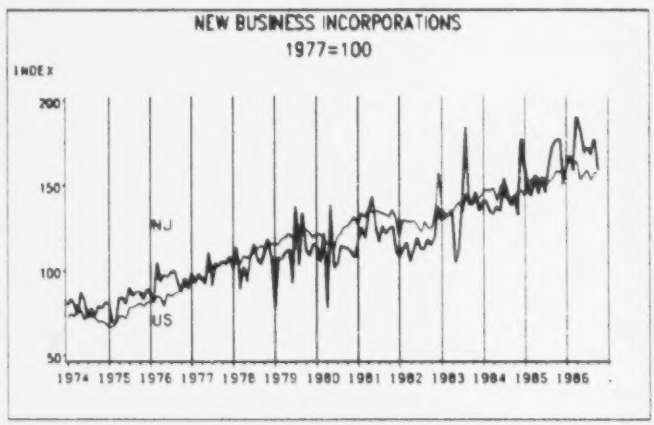


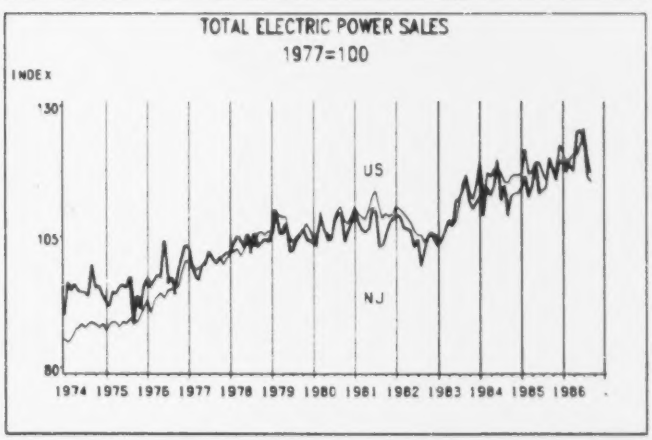
All data in the charts on these two pages have been seasonally adjusted and indexed to a 1977 base with two exceptions. Data on the unemployment rate and manufacturing workweek are presented in actual units. The advantage of using an index is that it facilitates comparisons between the State and the Nation. The data for retail sales in New Jersey have been adjusted to take account of sample revisions that caused breaks in the series.

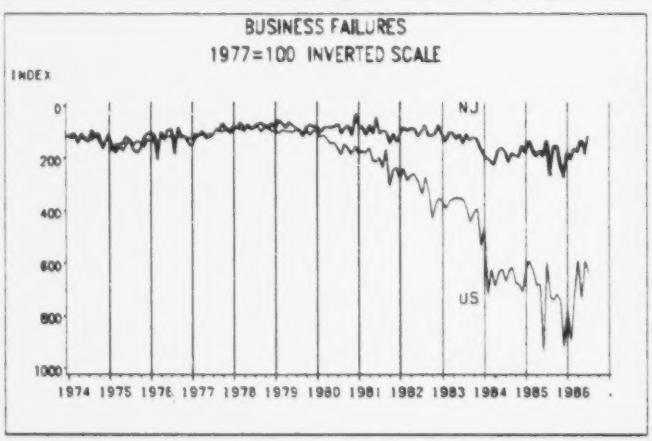


*This report is a reprint of the statement issued by the Governor's Economic Policy Council at the end of 1986.*

# Annual Statement

# of the Economic Policy Council


*ECONOMIC POLICY COUNCIL*

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***Dr. William C. Freund***
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*Princeton University*

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*Dr. Adam Broner, Director*

*Dr. Laurence Falk, Economist*

*Dr. Jong K. You, Economist*

*Mr. Jerzy Zachariasz, Economist*

*Mrs. Carol A. Maslowski, Secretary*


*The analyses and forecasts in this outlook are based on the following sources:*

1. ***Economic Indicators*** *-- various issues, prepared by the Council of Economic Advisors*
2. ***Survey of Current Business*** *-- various issues (U.S. Department of Commerce)*
3. ***Consumer Price Index*** *-- various issues (U.S. Department of Labor)*
4. ***New Jersey Economic Indicators*** *-- various issues (N.J. Department of Labor)*
5. ***Chase Econometrics*** *-- national and state econometric models and data bases*

*The Council and the Office are pleased to respond to any inquiries about this Outlook and related economic issues.*

*Please contact:*


*Dr. Adam Broner, Director*
*Office of Economic Policy*
*142 West State Street*
*Trenton, New Jersey 08625*
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## INTRODUCTION

New Jersey's economy continues to outperform the United States economy in growth of employment, income, retail sales, housing sales and most other economic indicators. The State's economy has grown faster than the United States' economy since the last recession. Moreover, while most national economic indicators grew somewhat slower in 1986 than in 1985, in New Jersey they accelerated.

This 1987 Outlook assesses the performance of the State's economy in 1986 and presents an outlook for the calendar year 1987. Section I reviews the State's economic performance in 1986 and the recent past and compares it with the performance of the national economy. In Section II we present the outlook for the national and state economies in 1987. Since the state economy is, for the most part, governed by the ups and downs of the national economy, the state forecast is based on predicted developments in the national economy.

## I. NEW JERSEY'S ECONOMY IN 1986

This section examines a number of major economic indicators which taken together describe the behavior of the New Jersey economy relative to the United States. The indicators are employment, unemployment, personal income, retail sales and housing starts. The changes in these indicators in New Jersey for 1986 and the recent past are compared with changes in the corresponding national indicators. This longer-term review provides a better perspective for the accomplishments of the State's economy.

### NONAGRICULTURAL EMPLOYMENT

Nonagricultural employment measures total payroll employment in the nonfarm establishments within the state. Total nonagricultural employment during 1986 was 101,000 above the 1985 level, an increase of 2.97%. In contrast, for the entire United States economy, nonfarm employment grew by 2.57%, somewhat slower than in New Jersey. By any standard this was an excellent performance for New Jersey and a continuation of the large employment increases realized during the current recovery phase of the business cycle (70,000 in 1983, 167,000 in 1984 and 91,000 in 1985). Employment increases in the final months of 1986 have been particularly strong; the total gain from August to November was 61,000 jobs.

Since the end of the last recession in 1982, nonagricultural employment has increased by 13.9% in New Jersey. Nearly 430,000 new jobs were created during this time.

New Jersey's achievements during the 1980s can be appreciated best when compared with nationwide employment changes over the same 1981-1986 period. Figure 1 indicates that the U.S. growth rates were smaller than those for New Jersey in all years, except in 1985. The cumulative growth from 1981 to 1986 was only 9.8% in the U.S. compared with 13.6% in the state.

The employment growth rate for the national economy has shown a declining trend since 1984, while the State's growth rate showed a slight increase in 1986 over 1985. We expect the downward trend of the national growth rate to continue into 1987 and the State's growth rate to follow that trend.

### RESIDENT EMPLOYMENT

In contrast to nonagricultural employment, which uses establishment statistics, resident employment is based on a survey of about 2,730 New Jersey households conducted monthly by the U.S. Bureau of Labor Statistics. Since the sample for the state is small, resident employment data are less reliable than the more complete establishment statistics. Resident employment differs from nonagricultural employment because it is obtained by surveying residents only. It thus includes New Jerseyans working out of state, and excludes nonresidents working in New Jersey. It also includes self-employed persons and agricultural workers. This measure shows that employment increased by over 86,000 in 1986, or by 2.38% compared with 1985.

### MAJOR SECTOR EMPLOYMENT GROWTH AND COMPOSITION

Table 1 indicates that all major sectors of the New Jersey economy, except manufacturing and government, did remarkably

better than their national counterparts during the 1981-1986 period. The manufacturing sector has not yet regained its 1981 level of employment either in New Jersey or in the U.S. While the U.S. lost a smaller percentage of its manufacturing employment, New Jersey performed much better in all other private sectors.

The government (federal, state and local) sector in New Jersey showed slower growth (3.07%) than in the nation (4.21%) during the 1981-1986 period, mainly because this sector in the U.S. decreased in the base year (1981) by 1.32%.

During 1986, the United States experienced slightly greater growth rates in construction, finance/insurance/real estate and services. However, the State's manufacturing sector showed, for the first time since 1982, a slower rate of decline than in the U.S.

These different rates of employment growth led to further changes in the sectoral composition of the New Jersey economy. This is seen in Figure 2. The manufacturing sector's share in total nonagricultural employment declined, while the wholesale/retail trade and services sectors increased considerably. Construction, finance and real estate also gained, although these sectors are still a relatively small part of the entire state economy (less than 10%).

## UNEMPLOYMENT

Unemployment rates both in New Jersey and in the United States have declined significantly since the end of 1982. Moreover, the State's unemployment rates have been below the national levels for the last six years (see Figure 3). In 1986, New Jersey's unemployment rate was 5.0%, compared with the national rate of 7.0%.

## PERSONAL INCOME

During the 1970s, personal income in New Jersey did not grow as rapidly as it did in the nation, primarily due to slower population and employment growth. However, this relationship has been reversed in the 1980's. As Figure 4 indicates, the rate of growth of personal income in the state has generally been higher than in the nation since 1981. Overall, personal income in New Jersey grew

Table 1

MAJOR SECTOR EMPLOYMENT CHANGES (PERCENT)
UNITED STATES AND NEW JERSEY, 1981-1986

| | 1986/1985 | | 1986/1981 | |
|---|---|---|---|---|
| | N.J. | U.S. | N.J. | U.S. |
| Manufacturing | -0.21 | -0.68 | - 6.93 | - 4.89 |
| Construction | 5.52 | 5.95 | 36.01 | 18.34 |
| Transportation & Public Utilities | 1.95 | 0.72 | 16.72 | 2.21 |
| Wholesale and Retail Trade | 3.78 | 3.12 | 22.24 | 15.92 |
| Finance, Insurance & Real Estate | 4.91 | 5.83 | 24.80 | 18.89 |
| Services | 4.97 | 5.03 | 30.31 | 23.96 |
| Government (All Levels) | 2.04 | 1.77 | 3.07 | 4.21 |
| Total Nonagricultural | 2.97 | 2.57 | 13.63 | 9.83 |

Figure 1
Nonagricultural Employment, US and New Jersey
Percentage Change over Previous Year

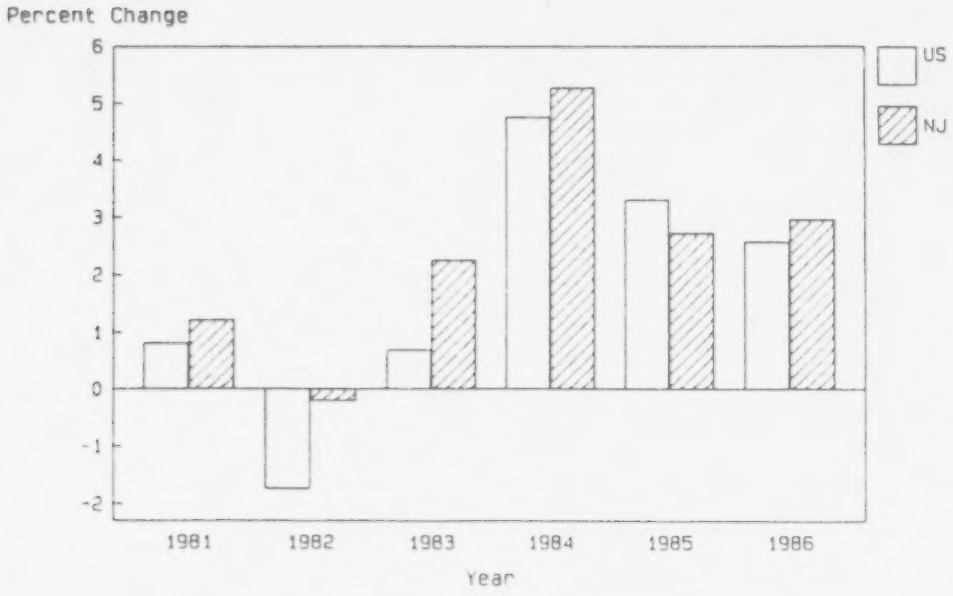
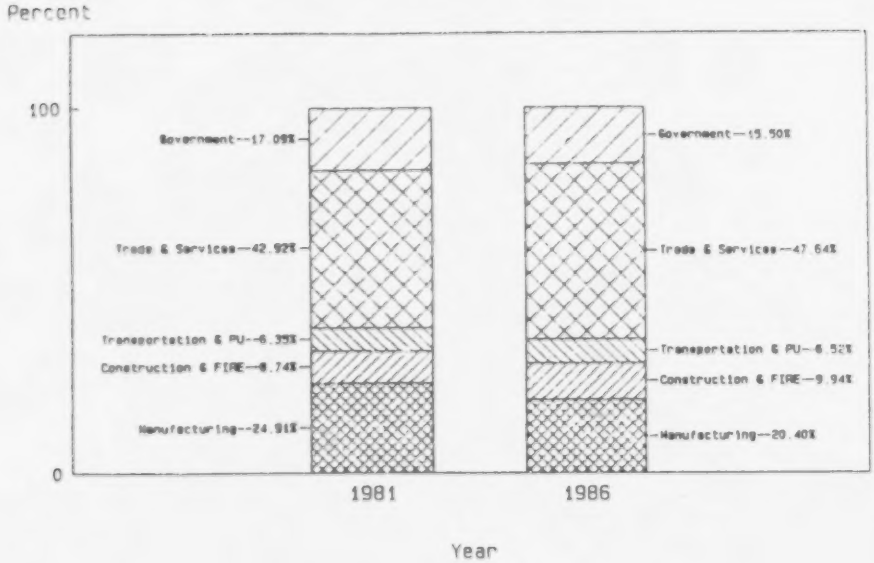



Figure 2
Employment Composition by Sector
New Jersey 1981 & 1986



by 48.2% from 1981 to 1986. This growth contrasts favorably with the national growth of 38.5% for the same period.

Figure 4 also indicates that during 1984, a year of record performance for the U.S. economy, the State's personal income grew slightly less than the nation's. In contrast, during the 1982-1983 period and especially 1985 and 1986 when there were significant weaknesses in the U.S. economy (recessions in energy-producing and agricultural states), New Jersey easily outperformed the average national growth rate of personal income.

In the late 1970s and the beginning of the 1980s, personal income in the state and nation grew at double-digit rates due to high inflation rates. For example, nominal personal income in New Jersey grew by 14.0% in 1980 and by 11.4% in 1981. By mid-1980s, however, this growth rate has declined to the 5%-8% range. Such a drop in the growth rate of nominal income, however, does not imply a decline in the growth rate of real income.

Figure 5 contrasts the growth rates of nominal and real (inflation-adjusted) personal income in New Jersey. New Jersey's real personal income has actually been growing faster in the last four years than in 1981 or 1982, even though the nominal growth rate has been declining. This is because the rate of inflation (the difference between the nominal growth rate and the real growth rate) has been significantly lower in recent years.

Total personal income, although a valid indicator of the State's overall economic activity, does not convey the average situation for individuals which is appropriately measured by per capita personal income. Figure 6 shows that per capita personal income in New Jersey has been significantly higher than in the United States and the gap has been widening in the last several years. During 1986, per capita income in New Jersey was $18,314 compared with the national average of $14,451--nearly 28% higher.

## RETAIL SALES

Consumer expenditures comprise a key component of the U.S. economic recovery which started at the end of 1982. The direction and strength of consumer spending will help determine the course of the economy in 1987 in New Jersey as well as in the nation. The State's retail sector continues to be relatively strong as more income continues to be spent per capita in New Jersey on retail goods and services than in the nation. Indeed, the gap between New Jersey and U.S. spending per capita has increased from 11.2% in 1985 to 14.7% in 1986. Figure 7 shows that the State's retail sales growth closely tracked the U.S. rates from 1981 to 1984. But in 1985 growth in retail sales in the state began pulling away from that of the nation: the State's growth rates were 8.21% in 1985 and 9.48% in 1986, compared with the nation's 6.42% and 6.59%, respectively. We should not, however, attach too much importance to this difference since these statistics are often significantly revised. On the other hand, the State's recent performance in the retail trade sector seems in line with other sectors.

## HOUSING STARTS

Housing construction has also contributed significantly to the strength of the state economy. New Jersey housing starts have increased sharply since 1982 as depicted in Figure 8. Housing starts per 1,000 population have been significantly lower than the national average until recently. However, housing starts in New Jersey have continued to grow in recent years while the national total has been stagnating. By 1986, the State's housing starts per 1,000 population (9.2 units) surpassed those for the U.S. (7.6 units).

## SUMMARY

The analysis of New Jersey economic indicators for 1986 clearly shows another year of robust growth for the State, which, in many instances, outperformed the national economy. This excellent performance has laid the foundation for continued economic growth in New Jersey in the coming year.

Figure 3
Unemployment Rate (%)
1981-1986

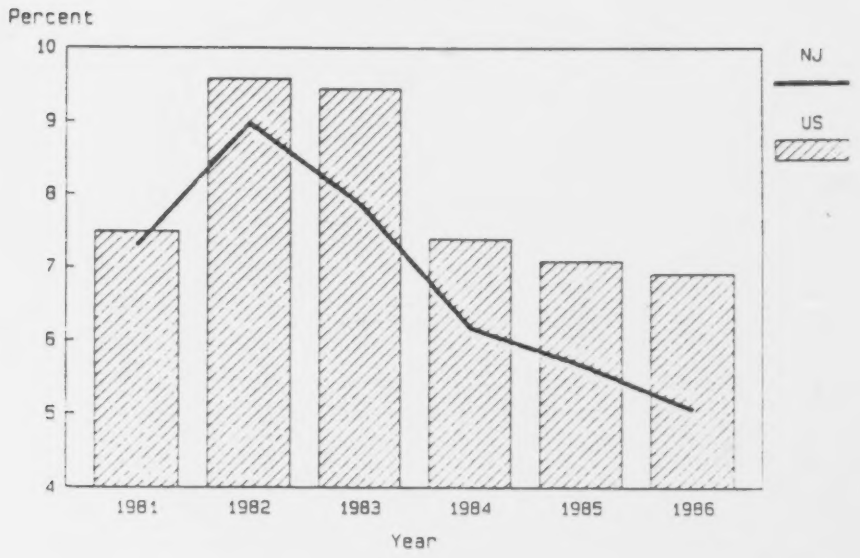



Figure 4
Personal Income Growth Rates (%)
US and New Jersey, 1981-1986

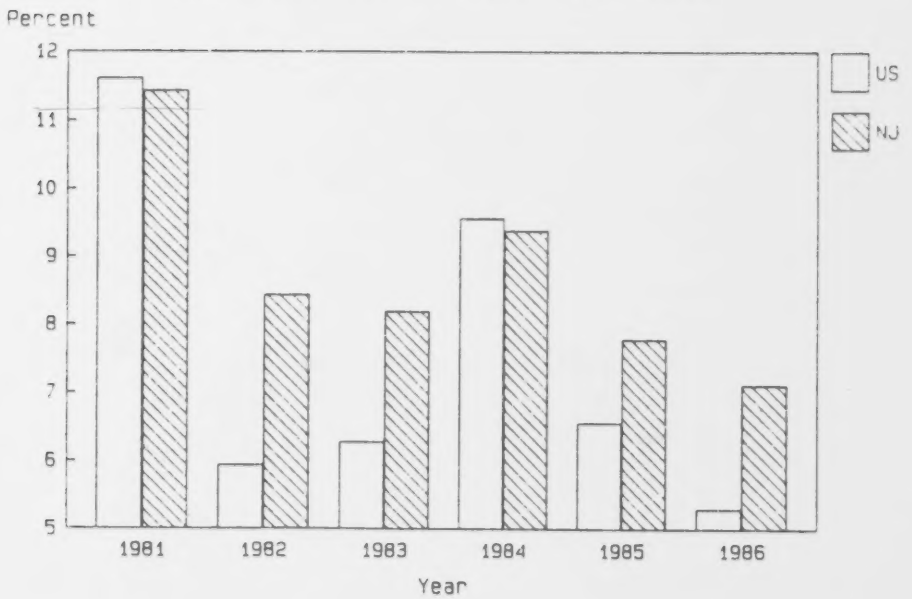


Figure 5
Personal Income, Nominal and Real Growth Rates
1981-1986

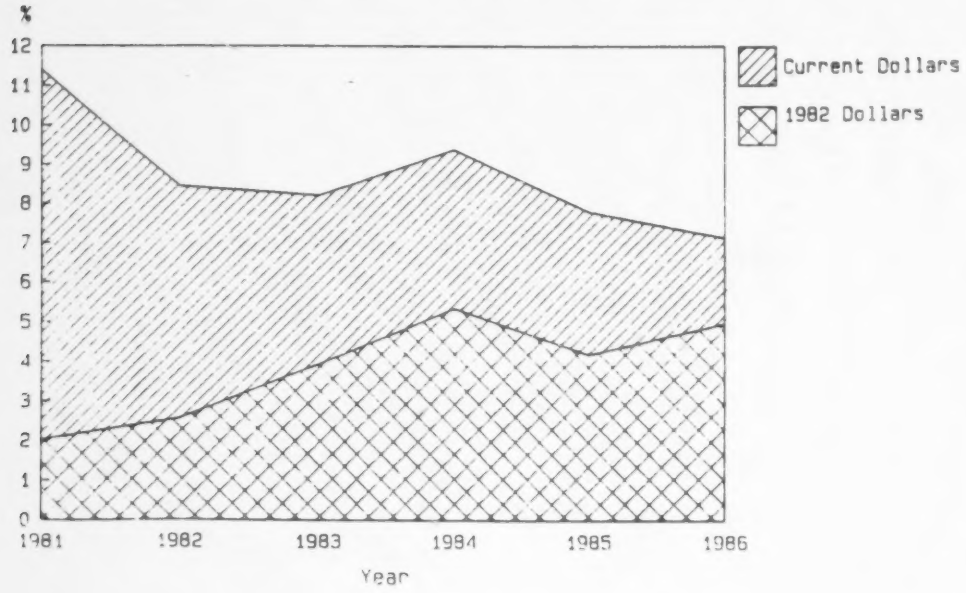



Figure 6
Personal Income Per Capita
US and New Jersey, 1981-1986

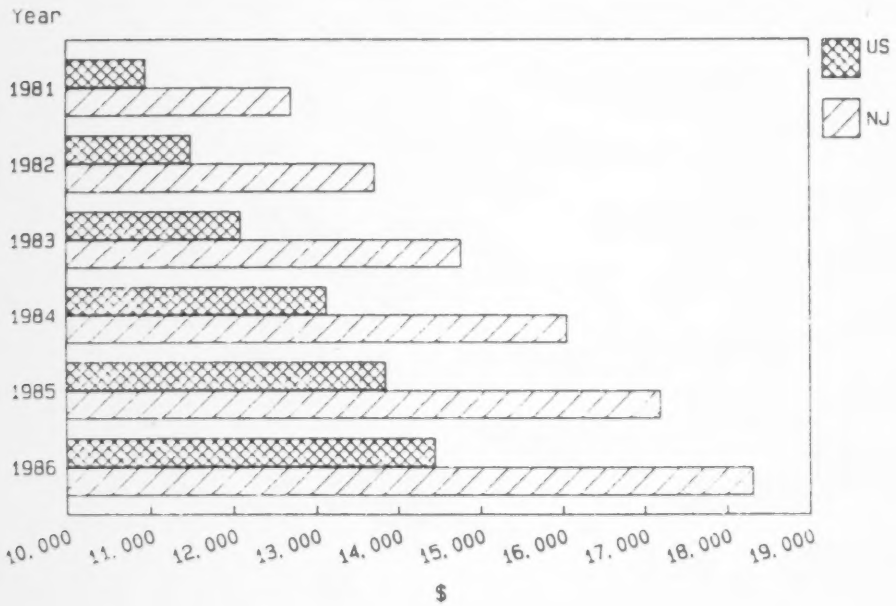


Figure 7
Retail Sales Per Capita
US and New Jersey, 1981-1986

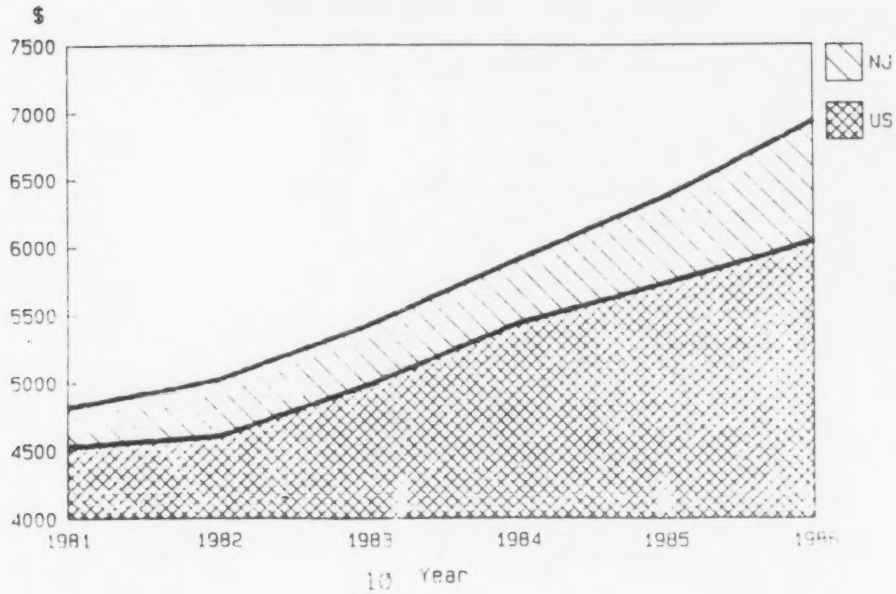
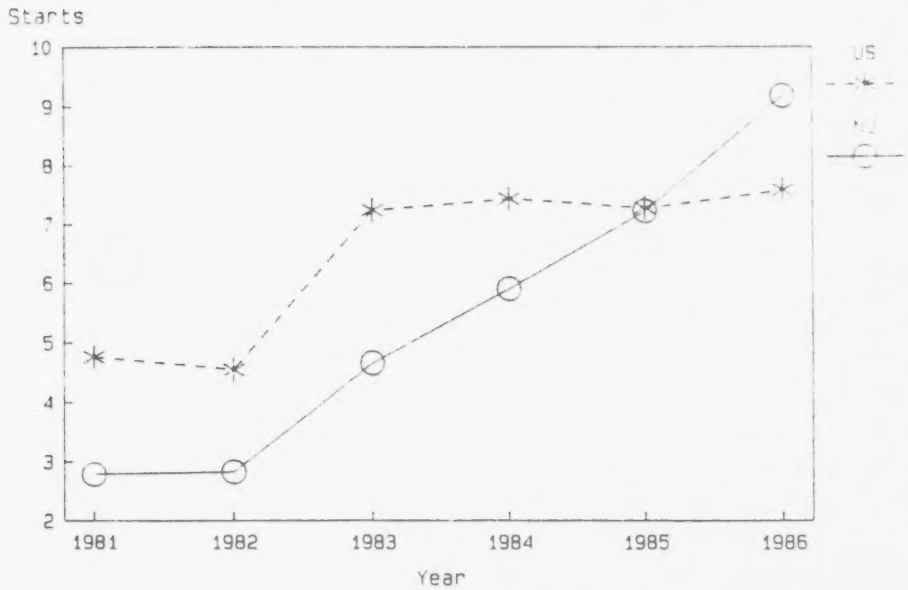



Figure 8
Housing Starts Per Thousand Population
US and New Jersey, 1981-1986



## REVIEW OF LAST YEAR'S FORECASTS

It is useful to review our previous forecasts in light of the actual performance of the economy as a means of evaluating the overall forecast quality.

Table 2 compares last year's predicted growth rates or levels for various economic indicators with actual (preliminary) 1986 data for both the United States and New Jersey. This comparison shows that for the most part, our 1986 forecasts for the United States economy were reasonably accurate. However, our forecasts somewhat underestimated the strength of the New Jersey economy. More specific observations are as follows:

- In the United States, real GNP and employment grew just about as predicted, but price increases (as seen in both CPI and GNP deflators) were significantly lower than predicted. This helped to boost real incomes by a somewhat larger percentage than anticipated, despite the fact that nominal income growth was slightly lower than forecasted.
- Housing starts increased in 1986 both in New Jersey and in the nation in contrast to the predicted downturn. the growth in New Jersey was spectacularly high, reflecting the overall strength of the State's economy.
- New Jersey's labor force grew somewhat less than anticipated which helped to lower the unemployment rate below the predicted level.

## REVIEW OF THE NATIONAL ECONOMY

Recent statistics tend to give conflicting indications. For example, both the index of leading indicators and factory orders registered sharp increases in November (1.2% and 4.1%, respectively). In contrast, housing starts (down

Table 2

COMPARISON OF FORECASTS AND ACTUAL VALUES*

| Indicator | United States | | New Jersey | |
|---|---|---|---|---|
| | Forecast | Actual** | Forecast | Actual** |
| 1. Nominal GNP | 6.96 | 5.42 | n.a. | n.a. |
| 2. GNP Deflator | 4.10 | 2.76 | n.a. | n.a. |
| 3. Real GNP | 2.75 | 2.61 | n.a. | n.a. |
| 4. Consumer Price Index | 3.94 | 1.96 | n.a. | n.a. |
| 5. Nominal Personal Income | 6.14 | 5.30 | 6.18 | 7.13 |
| 6. Real Personal Income | 2.05 | 3.11 | 2.16 | 4.97 |
| 7. Disposable Personal Income | 6.34 | 5.32 | 6.39 | 6.57 |
| 8. Real Disposable Income | 2.26 | 3.13 | 2.36 | 4.43 |
| 9. Civilian Labor Force | n.p. | 2.10 | 2.62 | 1.72 |
| 10. Civilian (Resident) Employment | 2.23 | 2.27 | 2.78 | 2.55 |
| 11. Nonfarm Payroll Employment | 2.32 | 2.59 | 2.19 | 2.97 |
| 12. Retail Sales | n.p. | 6.60 | 8.12 | 9.48 |
| 13. Housing Starts | -0.73 | 4.38 | -8.74 | 27.80 |
| 14. Unemployment | n.p. | -0.20 | -0.08 | - 9.29 |
| 15. Unemployment Rate (&) | 6.96 | 7.03 | 5.35 | 5.06 |
| 16. Interest Rate - T-Bill (%) | 6.97 | 5.97 | n.a. | n.a. |

*Indicators 1 through 14 refer to percent changes from 1985 to 1986 and 15 and 16 are annual averages.
**1986 actual values are preliminary estimates.
n.a.-Not applicable
n.p.-Not predicted

by 1.8%) and new-home sales (down by 2.2%) continued the downward trend, while the nation's trade deficit soared to a record $19.2 billion in November.

However, the sharp increases in some of these indicators reflect a scramble by businesses and consumers to take advantage of the more favorable tax laws that were in effect in 1986. Similarly, the big surge in the trade deficit in November was largely due to a 20.5% increase in imports (exports fell by 3.8%), presumably reflecting attempts to avoid Customs Service surcharges which went into effect on December 1, 1986. Thus, the increases in purchases of goods (both domestic and foreign) in the final months of 1986 do not reflect the underlying real trend of the economy but were, instead, temporary phenomena.

Nevertheless, these maneuvers by businesses and consumers had the effect of borrowing in the fourth quarter of 1986 from this year's economic growth. On the other hand, we believe that the declines in housing starts and new-home sales, together with recent declines in construction spending (-0.8% in October and -0.7% in November), reflect the real trend in that sector.

In addition, the new tax law, while promoting more efficient resource allocation in the long run, will have a negative effect on investment in the short run. For example, the removal of tax shelter advantages from real estate investment is expected to reduce further multi-family housing construction. The short-run negative effect of the tax law changes will not be limited to the housing sector but will have an impact on other business investments as well. This is reflected in the recent U.S. Department of Commerce survey of business spending plans, which showed that only a 0.2% increase in investment outlays can be expected in 1987.

## II. ECONOMIC OUTLOOK FOR 1987

### INTRODUCTION

The New Jersey economy continued to grow during 1986 at a slightly faster pace than in 1985, but considerably slower than in 1984. While the State economy continued to outperform the U.S. economy, its general trend has been, and will continue to be determined by national factors. Since the third quarter of 1984, Gross National Product (GNP) has been growing at a pace averaging only about 2.5% per annum.

We expect the U.S. economy to continue this moderate growth in 1987, making it the fifth consecutive year of expansion. The growth in the first half of 1987 will be at a crawl, but the second half will show an improvement. If, however, the nation's trade balance fails to improve, the expansion may be brought to a halt.

One key factor in the 1987 economic outlook is the foreign trade sector. According to the Federal Reserve Board, the exchange value of the dollar has declined significantly during the past two years. The trade-weighted value of the dollar is now more than 30% below the level it was at in the beginning of 1985. This should have made American goods cheaper in foreign markets and imports more expensive in the domestic market. The beneficial effect of such decline in the value of the dollars had been observed for a few months before the November setback.

We expect that the exchange rate decline of the the dollar will spread to trading partners whose currencies have not yet markedly appreciated (e.g., Taiwan and South Korea). Consequently, the trade deficit is expected to decline significantly in 1987, giving a boost to the national economy. If, however, such an improvement does not materialize for unexpected reasons, the U.S. economy in 1987 may remain flat or even slide into a mild recession.

### UNITED STATES ECONOMIC OUTLOOK

Taking together the above positive and negative factors, we predict that the national economy in 1987 will experience slow growth, particularly in the first half of the year as a result of sales declines due to accelerated tax related purchases at the end of 1986. However, in the second half of 1987, sales will recover their normal strength and the trade deficit will continue to shrink, although investment will remain weak.

#### (1) Real Growth

Real GNP in 1986 grew by only 2.6% (preliminary) over the previous year's level. However, as explained, the growth rate in

the first half of 1987 will be much lower (1.0% to 2.0% per annum). This will be followed by a healthy 3.0% to 3.5% growth in the second half. For the entire year, we predict a very modest 2.33% growth in real GNP.

Real personal income and real disposable (after-tax) personal income will grow even more moderately (1.31% and 1.41%, respectively) due to a higher rate of price increase for consumption expenditures than for the GNP deflator.

Table 3

OUTLOOK FOR THE UNITED STATES

| | Indicator Total | | | Percent Change from Previous Year | | |
|---|---|---|---|---|---|---|
| | 1985 | 1986 | 1987 | 1985 | 1986 | 1987 |
| 1. Nominal GNP (billions of current dollars) | 3998.13 | 4214.79 | 4434.78 | 6.19 | 5.42 | 5.22 |
| 2. GNP Deflator (index 1982 = 100) | 111.48 | 114.55 | 117.81 | 3.34 | 2.76 | 2.84 |
| 3. Real GNP (billions of 1982 dollars) | 3585.18 | 3678.65 | 3764.23 | 2.73 | 2.61 | 2.33 |
| 4. Consumer Price Index (index 1967 = 100) | 322.12 | 328.42 | 339.45 | 3.54 | 1.96 | 3.36 |
| 5. Nominal Personal Income (billions of current dollars) | 3314.48 | 3490.18 | 3653.51 | 6.57 | 5.39 | 4.68 |
| 6. Real Personal Income (billions, 1982 dollars) | 2962.87 | 3055.02 | 3094.93 | 2.98 | 3.11 | 1.31 |
| 7. Disposable Personal Income (billions of current dollars) | 2827.98 | 2978.33 | 3120.93 | 5.89 | 5.32 | 4.79 |
| 8. Real Disposable Income (billions, 1982 dollars) | 2527.98 | 2606.99 | 2643.77 | 2.32 | 3.12 | 1.41 |
| 9. Population (millions) | 239.33 | 241.53 | 243.76 | 0.96 | 0.92 | 0.93 |
| 10. Civilian Labor Force (millions) | 115.46 | 117.88 | 119.84 | 1.70 | 2.10 | 1.66 |
| 11. Civilian Employment (millions) | 107.16 | 109.59 | 111.44 | 2.05 | 2.27 | 1.69 |
| 12. Nonfarm Payroll Employment (millions) | 97.61 | 100.14 | 102.09 | 3.30 | 2.59 | 1.95 |
| 13. Unemployment Rate (percent) | 7.20 | 7.03 | 7.00 | - 4.11 | - 2.38 | - 0.36 |
| 14. Interest Rate (3-month T. Bill) | 7.49 | 5.97 | 5.12 | -21.77 | -20.32 | -14.24 |
| 15. Interest Rate (20-year government bond) | 10.97 | 7.85 | 7.27 | -12.06 | -28.45 | - 7.37 |
| 16. Housing Starts (million units) | 1.74 | 1.82 | 1.70 | - 1.23 | 4.38 | - 6.57 |

### (2) Inflation and Interest Rate

Inflation in 1986 was lower than anticipated, due to the unexpected large drop in oil prices. Because we expect the economy to remain sluggish during 1987, we do not think it likely that the recent surge in money supply will rekindle rapid inflation in the months ahead. However, the benefits of falling crude oil prices will not be repeated in 1987. Also, the decline in the dollar will raise the prices of imported goods. Thus, we predict that price inflation will continue to be moderate but will exceed the remarkable performance of 1986. The GNP deflator will increase by 2.84% in 1987 and the Consumer Price Index will rise by 3.36%, both higher than the 1986 rates but still giving the economy a moderate inflation performance.

The sluggish economy in 1986 and low rate of inflation helped to reduce the interest rates. Since the economy will remain stagnant for some time, interest rates in the first half of 1987 will continue to fall, but they will firm up in the second half. For the entire year, the 3-month Treasury Bill rate will average 5.12% (down from 5.97% in 1986) and the 20-year government bond rate 7.27% (down from 7.85% in 1986)

### (3) Housing Starts

The explosion in housing starts seems to have subsided. The single-family housing sector, the backbone of the recent housing boom, seems to have peaked if not reversed. Moreover, recent changes in tax codes have significantly discouraged multi-family housing construction. Therefore, we believe that the 1986 level (1.82 million units) cannot be sustained in 1987 and we predict a slight decline (of 6.57%) to 1.7 million units.

### (4) Employment and Unemployment Rate

Both employment and the labor force will grow in 1987 at somewhat slower rates than in 1986, reflecting the slow pace of economic growth. The civilian unemployment rate in 1986 remained flat at around the 7.0% level. The predicted real GNP growth of 2.33% in 1987 is not strong enough to bring down the unemployment rate significantly. It is likely that the unemployment rate will rise moderately during the first half of 1987, followed by declines in the second half. The average for the entire year will again be 7.0%, the same as for 1986.

## NEW JERSEY'S ECONOMIC OUTLOOK

New Jersey's economy once again outperformed the national economy in 1986 and maintained a slightly higher rate of growth than in 1985, in almost all major indicators except nominal personal income. Nominal personal income grew by 7.13% in 1986, slightly below the 1985 growth rate of 7.79%. However, this slight dip in the nominal income growth rate reflects the decline in the rate of inflation. All inflation-adjusted variables show that the state economy did somewhat better in 1986 than in 1985.

We believe the State will continue to outpace the national economy, but the overall growth in 1987 will be slightly slower than in 1986.

### (1) Personal Income

The national trend will largely determine the course of the New Jersey economy. The anticipated slow growth in the nation is thus expected to bring down the State's growth rate somewhat below the 1986 rates, although the State will still outperform the U.S. and nominal personal income in New Jersey will grow by 5.98% in 1987, more than a full percentage point higher than the projected national growth rate of 4.68%, but lower than the State's 1986 growth rate of 7.13%.

Real personal income and real disposable income will grow in 1987 at much slower rates than in 1986 because of a moderate increase in the rate of inflation and a decrease in the nominal growth rate. Real personal income will grow by 2.52% in 1987 (vs. 4.97% in 1986), and real disposable (after-tax) income by 2.74% (vs. 4.43% in 1986). Nevertheless, these growth rates will be more than a percentage point higher than the national growth rates of 1.31% and 1.41%, respectively.

### (2) Employment and Unemployment Rate

New Jersey's employment growth in 1986 was slightly higher than the figure for the national economy. Moreover, considering

that the State's population growth (0.58%) was slower than in the nation (0.92%), we can say that our employment gain was relatively much better than that of the national economy. We believe that New Jersey's employment gain in 1987 will continue to outpace the national trend. Thus, resident employment is expected to grow by 2.55% (compared with 1.69% in the U.S.) and payroll employment will grow by 2.49% (1.95% in the nation). The number of new jobs created in New Jersey will be 88,000.

While the labor force in New Jersey is expected to grow somewhat faster in 1987 (2.34%) than in 1986 (1.71%), it will continue to be outgained by resident employment. As a result, New Jersey's unemployment rate will decline slightly from 5.06% in 1986 to 4.86% in 1987.

**(3) Retail Sales and Housing Starts**

Retail sales in New Jersey increased in 1986 by 9.48% compared with a 6.60% gain

Table 4

OUTLOOK FOR NEW JERSEY

| | Indicator Total | | | Percent Change from Previous Year | | |
|---|---|---|---|---|---|---|
| | 1985 | 1986 | 1987 | 1985 | 1986 | 1987 |
| 1. Nominal Personal Income (billions of current dollars | 130.15 | 139.43 | 147.77 | 7.79 | 7.13 | 5.98 |
| 2. Real Personal Income (billions, 1982 dollars) | 116.35 | 122.13 | 125.21 | 4.18 | 4.97 | 2.52 |
| 3. Disposable Personal Income (billions of current dollars) | 108.80 | 116.05 | 123.25 | 5.51 | 6.57 | 6.21 |
| 4. Real Disposable Income (billions, 1982 dollars) | 97.34 | 101.65 | 104.44 | 1.98 | 4.43 | 2.74 |
| 5. Population (thousands) | 7569.44 | 7613.35 | 7657.92 | 0.62 | 0.58 | 0.59 |
| 6. Civilian Labor Force (thousands) | 3852.91 | 3919.05 | 4010.90 | 0.68 | 1.71 | 2.34 |
| 7. Resident Employment (thousands) | 3634.58 | 3720.99 | 3815.86 | 1.21 | 2.38 | 2.55 |
| 8. Nonfarm Payroll Employment (thousands) | 3419.33 | 3529.73 | 3608.48 | 2.72 | 2.97 | 2.49 |
| 9. Unemployment (thousands) | 218.33 | 198.05 | 195.04 | - 7.52 | - 9.29 | - 1.52 |
| 10. Unemployment Rate (percent) | 5.67 | 5.06 | 4.86 | - 8.13 | -10.78 | - 3.83 |
| 11. Retail Sales (billions of current dollars) | 48.26 | 52.83 | 56.35 | 8.21 | 9.48 | 6.65 |
| 12. Housing Starts (thousand units) | 54.72 | 69.93 | 60.51 | 23.08 | 27.80 | -13.18 |

*Due to data problems, we do not forecast New Car Registrations.

in the United States. However, retail sales in recent months have been sluggish both in the State and in the nation. We anticipate that between 1986 and 1987 retail sales will grow by 6.65%, nearly three percentage points lower than the previous year's growth rate. This reduction in growth is partly due to the shifting of some purchases to 1986 to take advantage of the old tax laws, and partly due to the rising debt burden of consumers and their declining confidence.

Housing starts in New Jersey rose by 27.8% from 1985 to 1986, following spectacular growth rates of 65.64% in 1983, 27.41% in 1984 and 23.08% in 1985. Single-family housing starts still remain strong but appear to have peaked. Multi-family housing starts are declining sharply because of the tax code changes, and total housing starts will also drop moderately as a result. We expect that the State's housing starts in 1987 will be just over 60,000 units, a decline of 9,220 units (13.18%) from the 1986 level.

**Summary**

We predict another year of moderate economic growth in the United States which will expand the recovery through its fifth year. New Jersey will continue to perform better than the nation as a whole in most economic indicators.

# Occupational Data For Selected Trade and Transportation/Communications/ Utilities Industries

by
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Office of Demographic and Economic Analysis

The Occupational Employment Survey (OES) for selected trade (wholesale and retail) and transportation/communications/utilities industries has been completed and the results are now available. These results show employment by occupation in these industries in the State of New Jersey and were developed through a cooperative effort between the Division of Planning and Research and the U.S. Bureau of Labor Statistics.

The survey results are based on employment as of the second quarter of 1985 and cover those industries with Standard Industrial Classification (SIC) codes 40-49 (transportation/communications/utilities), 50-51 (wholesale trade) and 52-59 (retail trade).

Total employment in the three industry groups was just over one million, with more than half coming from the retail trade group. What follows is a summary of the occupational makeup of each of the three industry groups.

EMPLOYMENT BY INDUSTRY GROUP

| Industry Group | SIC | Employment |
|---|---|---|
| Trans/Comm/Util. | 40-49 | 221,160 |
| Wholesale Trade | 50-51 | 242,740 |
| Retail Trade | 52-59 | 572,940 |

TRANSPORTATION/COMMUNICATIONS/ UTILITIES

The transportation/communications/utilities (TCU) group consists of passenger and freight transportation (SIC 40-46), transportation services (SIC 47), communications (SIC 48), and utilities/sanitation (SIC 49). Passenger and freight transportation includes railroads, bus companies, trucking, air and water transport. Transportation services, on the other hand, include freight forwarding, travel agents and independent ticket offices. Communications consists of telephone, telegraph, radio and television companies while utilities/sanitation includes electric and gas companies, sewerage systems, and garbage collection and disposal.

Of the 10 SICs in the TCU group, the largest is SIC 42, motor freight transportation and warehousing (i.e., trucking and warehousing), with over 64,000 employees. This, along with the nearly 60,000 employees in communications (SIC 48), accounted for over half of the employment in the TCU group.

All occupations in the OES survey fall into one of seven major groups: managers; professionals; sales; clerical; service (janitors, food preparation workers, waiters and waitresses, guards etc.); production/maintenance/ transportation (machinery operators, maintenance mechanics, truck drivers, laborers, etc.); and agriculture/forestry (gardeners, forestry and conservation workers, etc.).

In TCU industries the two largest groups accounted for nearly 85% of all employment. The largest, production/maintenance/transportation workers, numbered over 130,000 (nearly 60%) while clerical workers totalled nearly 56,000 (25%).

The largest single occupation in this group was truck drivers, which at 27,000 accounted for nearly 12.5% of the industry group. This was followed by bus drivers (3.1%), general office clerks (2.6%) and school bus drivers (2.3%).

## WHOLESALE TRADE

The wholesale trade group consists of establishments selling primarily to retail firms or industrial, commercial, farm or professional business users. This is in contrast to retail trade firms, which sell primarily to consumers.

There are only two SICs in this group, wholesale trade of durable goods (SIC 50), and wholesale trade of nondurable goods (SIC 51). Durable goods include cars, furniture, machinery, appliances and hardware while nondurable goods include clothing, food, chemicals and paper products. Of the two, the durable goods sector is the larger with over 150,000 employees (62%), as compared with nondurable goods with 92,600 (38%).

Nearly 90% of all wholesale trade employment falls under the three occupational categories of clerical, production/maintenance/transportation and sales. Clerical workers were the largest of the major occupational groups, accounting for approximately 34% of wholesale trade employment. This was followed by the production/maintenance/transportation category (30%) and sales (23%).

The largest single occupation in wholesale trade was sales representative of nontechnical products, which at 24,000 accounted for about 10% of all wholesale trade employment. Freight, stock and material movers-hand (i.e., manual material movers) were second at 5.5%, followed by sales representatives of technical products (5.1%), secretaries (4.5%) and bookkeeping, accounting and auditing clerks (4.2%).

## RETAIL TRADE

With nearly 573,000 employees, retail trade is by far the largest of the three industry groups covered in this report. Of the eight SICs (52-59) in this group, the largest is SIC 58, eating and drinking places, which includes restaurants, refreshment stands, and taverns. This SIC had over 171,000 employees, about 30% of all retail employment. Following was SIC 54, retail food stores, with nearly 100,000 employees (17.4%), and SIC 53, general merchandise stores (department stores, general stores, etc.), with 78,000 workers, or 13.6% of retail trade employment.

Of the seven major occupational groups, the largest two alone accounted for almost 75% of all retail employment. Sales occupations, with 248,000 accounted for 43% of the total while service workers (waiters and waitresses, food preparation workers, cleaning persons, etc.), numbered over 180,000, accounting for an additional 31.6% of retail employment.

Four of the five largest single occupations in retail trade came from the sales group. Retail salesperson accounted for nearly 20% of all retail employment at 110,000 and was followed by cashiers with 66,500, or 11.6%. Waiters and waitresses was the only nonsales occupation in the top five (43,720 or 7.6%), and was followed by stock clerk-sales floor (39,570 or 6.9%) and first-line supervisors of sales personnel (24,500 or 4.3% of retail employment).

EMPLOYMENT BY MAJOR OCCUPATIONAL CATEGORY

| Occupational Group | TCU | | Wholesale | | Retail | |
|---|---|---|---|---|---|---|
| | Number | Percent | Number | Percent | Number | Percent |
| Managers & Administrators | 5,560 | 2.5 | 10,730 | 4.4 | 13,830 | 2.4 |
| Professionals & Technicians | 14,350 | 6.5 | 17,890 | 7.4 | 15,640 | 2.7 |
| Sales | 9,680 | 4.4 | 56,590 | 23.3 | 248,260 | 43.3 |
| Clerical | 55,710 | 25.2 | 83,590 | 34.4 | 49,860 | 8.7 |
| Service | 5,640 | 2.5 | 1,990 | 0.8 | 180,850 | 31.6 |
| Production/Maintenance/ Transportation | 130,200 | 58.9 | 71,940 | 29.6 | 64,150 | 11.2 |
| Agriculture | 10 | 0.0 | 0 | 0.0 | 350 | 0.1 |
| TOTAL | 221,160 | 100.0 | 242,740 | 100.0 | 572,940 | 100.0 |

## LARGEST INDIVIDUAL OCCUPATIONS

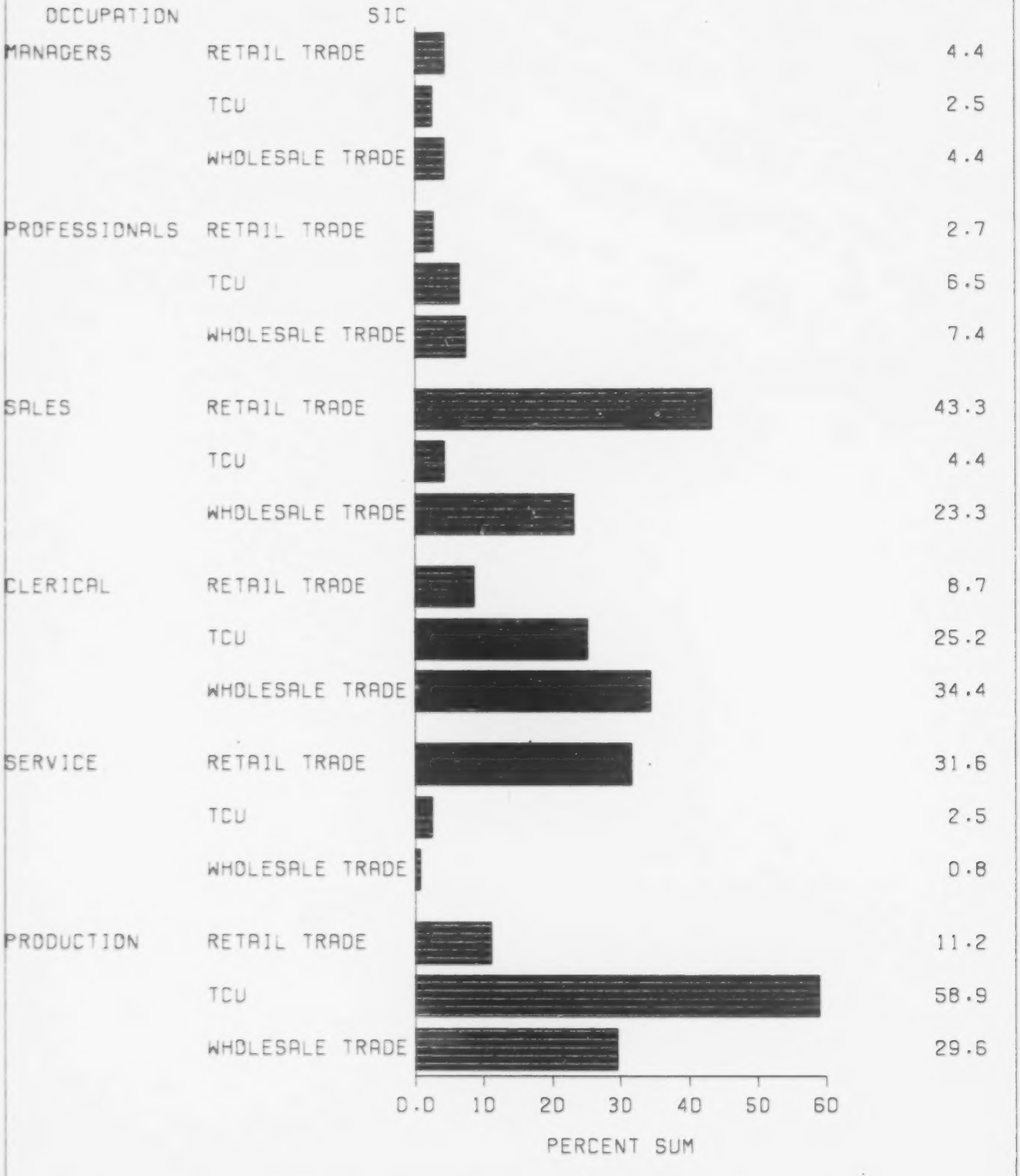
| TCU Industries | Wholesale Trade | Retail Trade |
|---|---|---|
| Truck drivers | Sales representative, nontechnical products | Retail sales people |
| Bus drivers | Freight, stock and material movers--hand | Cashiers |
| General office clerks | Sales representatives, technical products | Waiters and waitresses |
| School bus drivers | Secretaries | Stock clerk--sales floor |
| First-line supervisors of mechanics or repairmen | Bookkeeping, accounting and auditing clerks | First-line supervisor of sales personnel |

## ABOUT THE OES SURVEY

Major industry sectors are surveyed in a recurring three-year cycle in the OES program so that all nonfarm employment is covered in any three-year period. Survey results are published separately and are used collectively to develop other occupational reports of interest to educators, vocational planners and individual jobseekers. The most recent job staffing patterns for the different industry sectors are combined and applied to a common base-year industry employment level to produce "all industry" occupational data. These data and more are published in the Division's *Annual Average Occupational Employment Report.* This industry/occupation matrix is also used as the vehicle to produce projections of future occupational demand. The Division's 1984-1995 *Occupational Projections* will be published in the near future and will be available upon request.

The data shown in this article is only a summary of the OES Trade and Transportation/Communications/Utilities survey results. Tables showing employment by occupation in all publishable industries are available free of charge from the New Jersey Department of Labor, Division of Planning and Research, Bureau of Occupational Research, CN 388, Trenton, New Jersey, 08625-0388 or by calling 609-292-2857.

**PERCENT DISTRIBUTION OF EMPLOYMENT IN SELECTED INDUSTRIES BY MAJOR OCCUPATIONAL CATEGORY**




TCPU=TRANSPORTATION,COMMUNICATION,UTILITES

# STATISTICAL SECTION

Please Note:

Each year the data series in *Economic Indicators* are revised using new benchmarks and seasonal adjustment factors. For this reason, it would be incorrect to generate an historic time series for *Economic Indicators* data by taking old issues of the *Economic Indicators* and tying the series together.

## SEASONAL ADJUSTMENT OF DATA

All charts, except charts I and II and where otherwise noted, contain data seasonally adjusted by the X-11 variant of the U.S. Census Bureau program; multiplicative or additive methods have been used for all series.

Data for 1975 and subsequent years in charts I and II have been seasonally adjusted using the ARIMA (Auto-Regressive Integrated Moving Average) method of seasonal adjustment developed by Statistics Canada.

## TABLE NOTES

Preliminary and revised data are indicated by a "p" or "r" after the entry.

## CHART NOTES

Unless otherwise noted, all graphs were developed with seasonally adjusted data. Some series were plotted with the following variations noted on the graph itself:

*Moving Averages.* Series where the monthly data vary erratically have been plotted with moving averages and with nonaveraged data superimposed for the most recent years.

*Ratio Scales.* Where ratio scales were used to show constant rates of change as straight lines, this has been noted; otherwise, the graph is on an arithmetic scale.

*Inverted Scales.* For series where declines are associated with economic expansion (such as unemployment and business failures) an inverted scale has been used and noted.

Since the scale of each series is determined by the volume and trend of the data time series, a graph may not be comparable to other graphs on the same or other pages of the report.

## MONTHLY AVERAGES

On page S-37 are the monthly averages of the series data for recent years to be used as a benchmark for evaluating current monthly data.

## SHADED AREAS

Periods identified by the National Bureau of Economic Research (NBER) as ones of general national contraction have been shaded. They include the periods December 1969-November 1970, November 1973-March 1975, January 1980-July 1980 and July 1981-November 1982.

## SERIES SOURCES

| | |
|---|---|
| 1-16 | NJ Department of Labor<br>Division of Planning and Research |
| 17 | US Bureau of Labor Statistics |
| 18 | NJ Department of Labor<br>Division of Planning and Research |
| 19-20 | Dun & Bradstreet, Inc. |
| 21 | US Department of Energy,<br>Energy Information Administration |
| 22-24 | McGraw-Hill Information Systems Company,<br>F.W. Dodge Division |
| 25-27 | NJ Department of Labor<br>Division of Planning and Research |
| 28-29 | US Bureau of the Census |
| 30 | NJ Department of Law & Public Safety<br>Division of Motor Vehicles |
| 31-36 | NJ Department of Labor<br>Division of Planning and Research |
| 1-6 | The RESIDENT LABOR FORCE INDICATORS are estimated by two different methodologies. The *official series* is based on the U.S. Bureau of Labor Statistics monthly survey of some 2,730 New Jersey households. The *unofficial series* is based on a combination of unemployment insurance claims, employer survey data, estimating formulas, and household survey benchmarks. |

Both data series are based upon population estimates and weights derived from the 1980 U.S. Census of Population.

*Official series* data have been adjusted to 1985 population estimates produced by the U.S. Bureau of the Census.

*Unofficial series* data have been adjusted to a 1985 benchmark.

Estimates for the official series have been revised based on seasonal adjustment factors incorporating the experience of 1985. The unofficial series incorporate the experience of 1985.

The LABOR FORCE PARTICIPATION RATE and the EMPLOYMENT/POPULATION RATIO (Series 4 and 5) are expressed as percentages of the civilian noninstitutional population aged 16 year and over.

The State Employment Security Agency (SESA) agrees to publish the BLS approved estimates of labor force, employment, unemployment and unemployment rate for the State and all published areas, and agrees to label these data as the data used to allocate federal funds and determine eligiblity for federal assistance programs. The SESA reserves the right to publish alternate labor force and unemployment data for State purposes and will suitably label such data so as to distinguish them from the BLS approved series.

7-12 The ESTABLISHMENT EMPLOYMENT INDICATORS are generated from a monthly survey of employers on the number of persons who worked or received pay for any part of the pay period including the 12th of the month. The series are adjusted to March 1985 benchmarks and reflect the 1972 SIC (Standard Industrial Classification Manual) changes. See footnote on page S-31 for change in estimating state government employment.

PRIVATE SECTOR NONFARM PAYROLL EMPLOYMENT (Series 8) is computed by subtracting government employment from total nonfarm payroll employment.

SERVICE-PRODUCING INDUSTRIES PAYROLL EMPLOYMENT (Series 12) includes the industries of trade, services, finance/insurance/real estate, and transportation/communications/public utilities.

13 MANUFACTURING EMPLOYMENT - PRODUCTION WORKERS is developed from a monthly survey of employers on the number of nonsupervisory employees in the manufacturing sector who worked during or received pay for any part of the pay period including the 12th of the month. The series are adjusted to 1985 benchmarks and reflect the 1972 SIC changes.

14 MANUFACTURING WORKWEEK - PRODUCTION WORKERS is derived from a monthly survey of employment and earnings. The workweek is estimated by dividing AGGREGATE MANUFACTURING WEEKLY MANHOURS BY MANUFACTURING EMPLOYMENT - PRODUCTION WORKERS.

SERIES NOTES

15 AGGREGATE MANUFACTURING WEEKLY MANHOURS - PRODUCTION WORKERS are estimated from a monthly survey of the manhours worked by manufacturing production workers.

16 WEEKLY EARNINGS OF MANUFACTURING PRODUCTION WORKERS are affected by premium pay, shift differentials, piecework and incentive payments, length of workweek, and other factors. Data are not seasonally adjusted.

17 The CONSUMER PRICE INDEX (CPI) measures the change in prices of a fixed market basket of goods and services purchased by urban workers. The index represents price changes for everything people buy for living--food, clothing, automobiles, homes, furnishings, fuel, drugs; fees to doctors, lawyers, and beauty shops; and rent, repair costs, transportation fares, public utility rates, etc. All taxes (sales, excise, real estate, etc.) directly associated with the purchase and continued ownership of an item are included in the price. Income and other personal taxes not associated with prices of specific goods are excluded.

The data series reproduced in the report are the *Urban Wage Earners and Clerical Workers* series (CPI-W).

The U.S. CPI is the *U.S. City Average.*

The N.Y. CPI is for the *New York, N.Y.-Northeastern New Jersey* area which includes in New Jersey: Bergen, Essex, Hudson, Middlesex, Morris, Passaic, Somerset, and Union counties; and in New York: New York City, Nassau, Rockland, Suffolk, and Westchester counties.

The Phila. CPI is for the *Philadelphia, Pa.-New Jersey* area which includes in New Jersey: Burlington, Camden, and Gloucester counties; and in Pennsylvania Bucks, Chester, Delaware, Montgomery, and Philadelphia counties.

Questions on the use of the CPI should be addressed to the U.S. Bureau of Labor Statistics offices in New York City (212) 944-3121 or in Philadelphia (215) 596-1154.

THERE IS NO NEW JERSEY CONSUMER PRICE INDEX NOR COST-OF-LIVING INDEX.

18 NET SPENDABLE EARNINGS are calculated by adjusting gross average weekly earnings for the effects of state and federal taxes and inflation. Federal tax adjustments are made by the New Jersey Department of Labor according to a formula previously developed by the U.S. Department of Labor. Inflation adjustments are based on the average *Consumer Price Index for Urban Wage Earners and Clerical Workers* in the New York-Northeastern New Jersey and the Philadelphia-New Jersey areas. The data are not seasonally adjusted.

SERIES NOTES

20 Business failures data beginning with January 1984 are not comparable to those prior to that date due to coverage of industries not previously included. Beginning in January 1984, all industries are included in the data.

21 Electric power sales are estimates of total sales of electricity by utility companies to all users (residential, commercial, industrial, public, and other minor categories). They are based on a sample of utilities surveyed by the U.S. Energy Information Administration, as reported in *Electric Power Monthly* (DOE/EIA-0226).

22-24 The CONSTRUCTION CONTRACTS INDICATORS are proprietary data provided by special permission of the F.W. Dodge Division, McGraw-Hill Information Systems Company.

The cumulative data presented in the table on page 3 are not the sum of the data contained in series 22, 23, and 24. The cumulative data contain retroactive revisions made after the monthly data were originally published. The monthly data have not been revised.

TOTAL CONSTRUCTION CONTRACTS AWARDED (Series 22) is not the sum of the published components; it also includes heavy engineering contracts. Series 22 was seasonally adjusted independently and is not the sum of the seasonally adjusted components. For this reason, in some months, the published components may add up to more than the total contracts data (Series 22).

25-27 The RESIDENTIAL BUILDING PERMITS INDICATORS are compiled as of the fifth day of the second following month and are not revised as subsequent reports are received. Since the reports from all New Jersey municipalities are never received by the cutoff date, preliminary figures are used for both the current and the historical series in order to ensure comparability. Final monthly data incorporating late reports appear in the annual summaries of *New Jersey Residential Building Permits*, published by the Division of Planning and Research.

DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (Series 25) data were seasonally adjusted independently and are not the sum of the seasonally adjusted components. For this reason, in some months, the published components may add up to more than the total (Series 25) data.

DWELLING UNITS (5 OR MORE) AUTHORIZED BY BUILDING PERMITS (Series 27) include all multifamily structures with five or more units, except those in public housing. Data do not exhibit a stable seasonal pattern and are therefore not appropriate for seasonal adjustment.

28-29 The figures prior to 1970 for SALES OF RETAIL STORES were adjusted by the New Jersey Department of Labor to account for sample revisions introduced in 1968 by the U.S. Census Bureau.

SERIES NOTES

SALES OF RETAIL STORES IN 1967 DOLLARS (Series 29) has been deflated by the "commodities only" component of the average New York-Northeastern New Jersey and Philadelphia-New Jersey *Consumer Price Index for All Urban Consumers.*

31 WEEKS CLAIMED (WEEKLY AVERAGE) is computed by dividing the total number of weeks claimed (intrastate and interstate agent under Regular UI program only) in the month by the number of weeks in the month. Additive method used to seasonally adjust data.

The INSURED UNEMPLOYMENT RATE (IUR) is the seasonally adjusted weekly average of claimants (intrastate and interstate agent claims under the regular state program only) as a percent of the estimated covered employment.

The current INSURED UNEMPLOYMENT RATE data may not be comparable with earlier data. Beginning with the IUR statistics for the fourth quarter of 1978, the covered employment denominator was inflated by an extension of coverage to approximately 430,000 additional workers which has produced an artificial "deflation" of the IUR statistics. The expanded coverage was phased into the calculations of the official IUR formula in four approximately equal steps effective in October 1978 and in January, April, and July 1979.

32 The INITIAL CLAIMS WEEKLY AVERAGE represents intrastate and interstate agent claims under the regular state UI program only.

33 The UNEMPLOYMENT INSURANCE EXHAUSTIONS are from the regular state program only.

34-36 The industry INSURED UNEMPLOYMENT data are derived from a three percent sample of all claimants under the regular state unemployment insurance program. The data reflect the number of insured unemployed during the week generally containing the 12th of the month, although the data are a count of the claims filed during the subsequent week.

INSURED UNEMPLOYMENT IN SERVICE PRODUCING INDUSTRIES (Series 36) includes the industries of transportation/communications/public utilities, trade, finance/insurance/real estate, and services.

Data on insured unemployment in manufacturing and service-producing industries consist of the sum of the seasonally adjusted or unadjusted data for the respective industry components. The decision to seasonally adjust the component industries is based upon individual consideration of the industries and whether seasonal adjustment is statistically meaningful.

TABLE I RESIDENT LABOR FORCE INDICATORS - I

1. CIVILIAN LABOR FORCE (000) SEASONALLY ADJUSTED DATA

| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | OFF. | UNOFF. | OFF. | UNOFF. | OFF. | UNOFF. | OFF. | UNOFF. |
| JAN | 3,632 | 3,643 | 3,812 | 3,750 | 3,815 | 3,856 | 3,888 | 3,873 |
| FEB | 3,623 | 3,634 | 3,818 | 3,775 | 3,849 | 3,858 | 3,914 | 3,898 |
| MAR | 3,605 | 3,634 | 3,836 | 3,782 | 3,847 | 3,850 | 3,842 | 3,904 |
| APR | 3,632 | 3,639 | 3,919 | 3,814 | 3,842 | 3,841 | 3,847 | 3,912 |
| MAY | 3,609 | 3,639 | 3,893 | 3,832 | 3,818 | 3,825 | 3,916 | 3,917 |
| JUN | 3,663 | 3,657 | 3,799 | 3,844 | 3,844 | 3,833 | 3,942 | 3,932 |
| JUL | 3,671 | 3,665 | 3,820 | 3,845 | 3,875 | 3,843 | 3,919 | 3,941 |
| AUG | 3,714 | 3,679 | 3,821 | 3,847 | 3,838 | 3,848 | 3,927 | 3,911 |
| SEP | 3,717 | 3,697 | 3,820 | 3,858 | 3,879 | 3,857 | 3,936 | 3,918 |
| OCT | 3,685 | 3,698 | 3,815 | 3,868 | 3,854 | 3,865 | 3,896 | 3,921R |
| NOV | 3,724 | 3,728 | 3,771 | 3,850 | 3,895 | 3,885 | 3,933 | 3,941P |
| DEC | 3,816 | 3,728 | 3,801 | 3,863 | 3,886 | 3,879 | | |

2. RESIDENT EMPLOYMENT (000) SEASONALLY ADJUSTED DATA

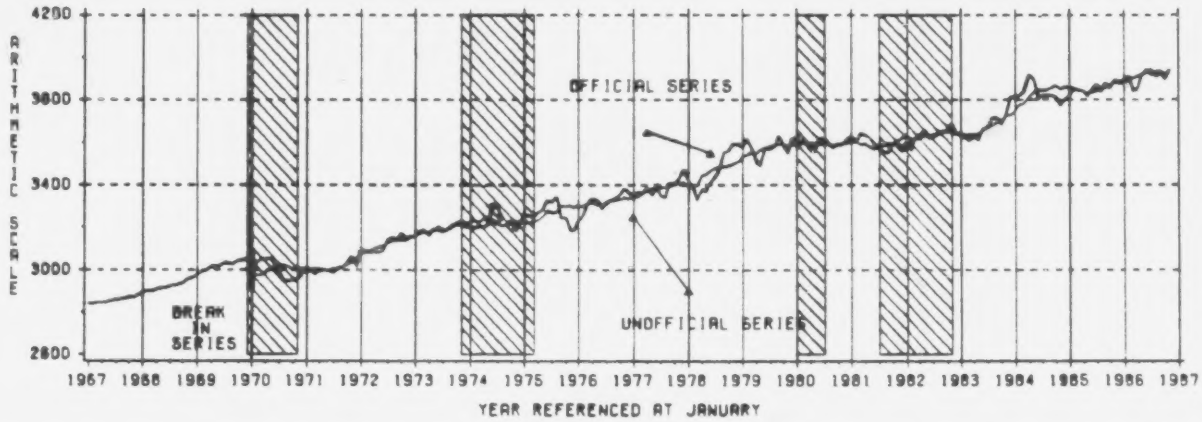
| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | OFF. | UNOFF. | OFF. | UNOFF. | OFF. | UNOFF. | OFF. | UNOFF. |
| JAN | 3,330 | 3,310 | 3,546 | 3,512 | 3,586 | 3,634 | 3,649 | 3,652 |
| FEB | 3,309 | 3,310 | 3,580 | 3,536 | 3,613 | 3,631 | 3,683 | 3,683 |
| MAR | 3,306 | 3,320 | 3,581 | 3,542 | 3,622 | 3,625 | 3,682 | 3,696 |
| APR | 3,359 | 3,335 | 3,659 | 3,582 | 3,612 | 3,615 | 3,666 | 3,709 |
| MAY | 3,341 | 3,344 | 3,645 | 3,595 | 3,620 | 3,611 | 3,699 | 3,714 |
| JUN | 3,355 | 3,368 | 3,602 | 3,606 | 3,635 | 3,616 | 3,745 | 3,729 |
| JUL | 3,370 | 3,391 | 3,584 | 3,606 | 3,652 | 3,619 | 3,705 | 3,730 |
| AUG | 3,391 | 3,406 | 3,585 | 3,608 | 3,666 | 3,635 | 3,744 | 3,715 |
| SEP | 3,417 | 3,435 | 3,582 | 3,619 | 3,671 | 3,644 | 3,750 | 3,726 |
| OCT | 3,434 | 3,440 | 3,592 | 3,629 | 3,614 | 3,655 | 3,680 | 3,733R |
| NOV | 3,465 | 3,464 | 3,554 | 3,630 | 3,663 | 3,668 | 3,760 | 3,749P |
| DEC | 3,554 | 3,481 | 3,582 | 3,634 | 3,657 | 3,675 | | |

3. UNEMPLOYMENT (000) SEASONALLY ADJUSTED DATA

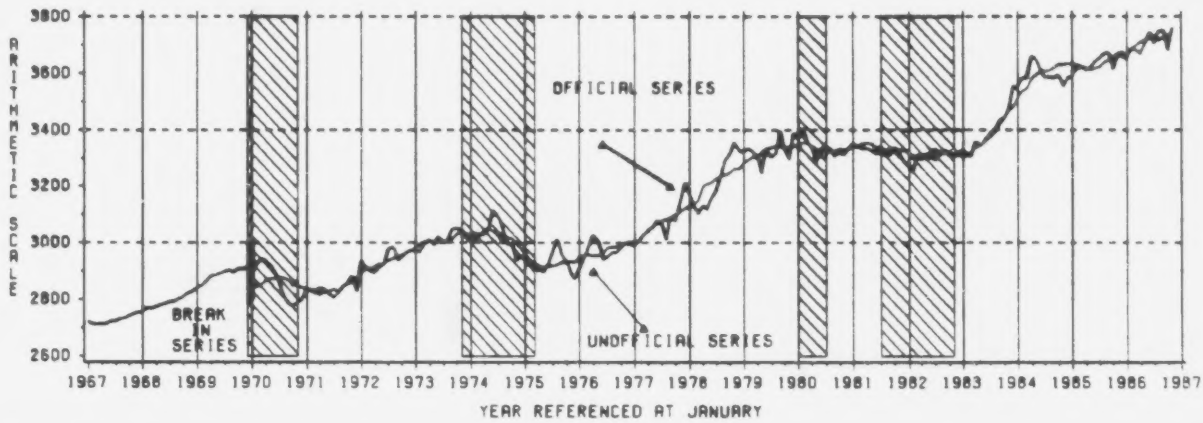
| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | OFF. | UNOFF. | OFF. | UNOFF. | OFF. | UNOFF. | OFF. | UNOFF. |
| JAN | 302 | 333 | 266 | 238 | 229 | 222 | 239 | 222 |
| FEB | 314 | 324 | 238 | 240 | 236 | 227 | 231 | 216 |
| MAR | 299 | 313 | 255 | 240 | 225 | 226 | 160 | 209 |
| APR | 273 | 305 | 260 | 232 | 230 | 226 | 181 | 203 |
| MAY | 268 | 296 | 248 | 237 | 198 | 214 | 217 | 203 |
| JUN | 308 | 289 | 197 | 239 | 209 | 217 | 197 | 203 |
| JUL | 302 | 275 | 236 | 239 | 223 | 223 | 214 | 211 |
| AUG | 323 | 273 | 236 | 239 | 172 | 213 | 183 | 196 |
| SEP | 300 | 262 | 238 | 240 | 201 | 214 | 186 | 191 |
| OCT | 251 | 258 | 223 | 239 | 240 | 210 | 216 | 188 |
| NOV | 259 | 264 | 217 | 220 | 232 | 217 | 173 | 192P |
| DEC | 262 | 248 | 219 | 229 | 225 | 204 | | |

## CHART I RESIDENT LABOR FORCE INDICATORS–I

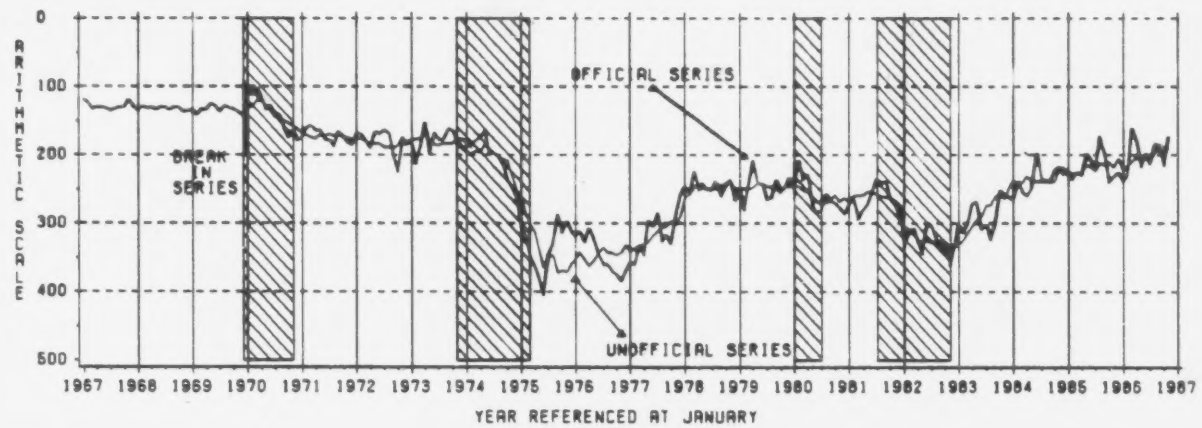
### 1. CIVILIAN LABOR FORCE (000)




### 2. RESIDENT EMPLOYMENT (000)




### 3. UNEMPLOYMENT (000) –INVERTED



## TABLE II RESIDENT LABOR FORCE INDICATORS - II

### 4. LABOR FORCE PARTICIPATION RATE (%) SEASONALLY ADJUSTED DATA

| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | OFF. | UNOFF. | OFF. | UNOFF. | OFF. | UNOFF. | OFF. | UNOFF. |
| JAN | 63.2 | 63.4 | 65.6 | 64.5 | 65.0 | 65.7 | 65.7 | 65.4 |
| FEB | 63.0 | 63.1 | 65.9 | 64.9 | 65.6 | 65.7 | 66.1 | 65.8 |
| MAR | 62.6 | 63.1 | 65.9 | 65.0 | 65.5 | 65.5 | 64.8 | 65.9 |
| APR | 63.0 | 63.1 | 67.3 | 65.5 | 65.4 | 65.3 | 64.8 | 66.0 |
| MAY | 62.5 | 63.0 | 66.8 | 65.8 | 64.9 | 65.0 | 66.0 | 66.0 |
| JUN | 63.4 | 63.3 | 65.1 | 65.8 | 65.3 | 65.1 | 66.3 | 66.2 |
| JUL | 63.5 | 63.4 | 65.4 | 65.8 | 65.8 | 64.9 | 65.9 | 66.3 |
| AUG | 64.2 | 63.6 | 65.4 | 65.8 | 65.1 | 65.3 | 66.0 | 65.7 |
| SEP | 64.2 | 63.8 | 65.3 | 66.0 | 65.6 | 65.4 | 66.1 | 65.8 |
| OCT | 63.6 | 63.8 | 65.2 | 66.1 | 65.2 | 65.4 | 65.4 | 65.8R |
| NOV | 64.2 | 64.3 | 64.4 | 65.7 | 65.9 | 65.7 | 65.9 | 66.1P |
| DEC | 65.7 | 64.2 | 64.8 | 65.9 | 65.7 | 65.6 | | |

### 5. EMPLOYMENT/POPULATION RATIO (%) SEASONALLY ADJUSTED DATA

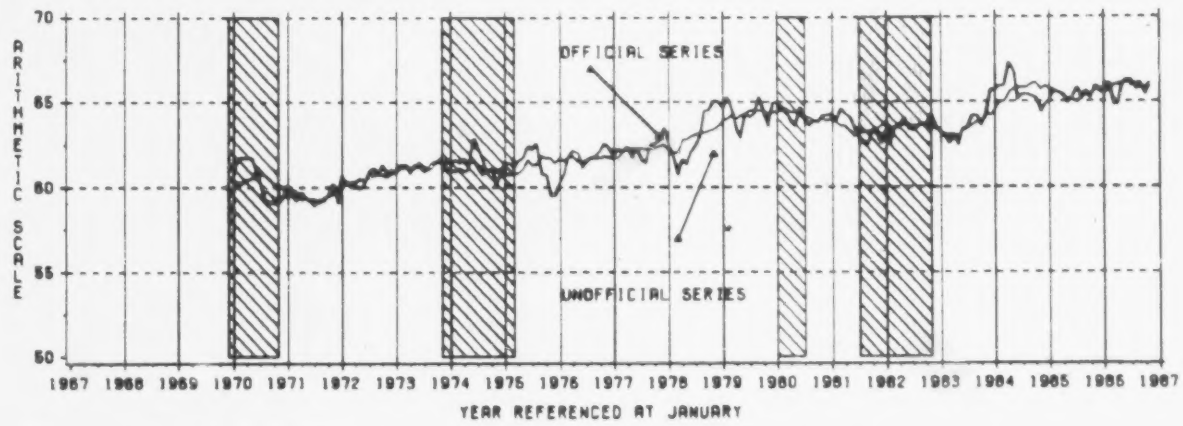
| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | OFF. | UNOFF. | OFF. | UNOFF. | OFF. | UNOFF. | OFF. | UNOFF. |
| JAN | 57.9 | 57.6 | 61.0 | 60.4 | 61.1 | 61.9 | 61.6 | 61.7 |
| FEB | 57.5 | 57.5 | 61.6 | 60.8 | 61.6 | 61.9 | 62.2 | 62.2 |
| MAR | 57.4 | 57.6 | 61.5 | 60.9 | 61.7 | 61.7 | 62.1 | 62.3 |
| APR | 58.3 | 57.8 | 62.8 | 61.5 | 61.4 | 61.5 | 61.8 | 62.5 |
| MAY | 57.9 | 57.7 | 62.5 | 61.6 | 61.5 | 61.4 | 62.3 | 62.6 |
| JUN | 58.1 | 58.3 | 61.7 | 61.8 | 61.7 | 61.4 | 63.0 | 62.8 |
| JUL | 58.3 | 58.6 | 61.4 | 61.8 | 62.0 | 61.4 | 62.3 | 62.7 |
| AUG | 58.6 | 58.9 | 61.3 | 61.7 | 62.2 | 61.7 | 62.9 | 62.4 |
| SEP | 59.0 | 59.3 | 61.2 | 61.9 | 62.2 | 61.7 | 63.0 | 62.6 |
| OCT | 59.2 | 59.3 | 61.4 | 62.0 | 61.2 | 61.9 | 61.7 | 62.6R |
| NOV | 59.7 | 59.7 | 60.7 | 62.0 | 62.0 | 62.1 | 63.0 | 62.9P |
| DEC | 61.2 | 59.9 | 61.1 | 62.0 | 61.9 | 62.1 | | |

### 6. UNEMPLOYMENT RATE (%) SEASONALLY ADJUSTED DATA

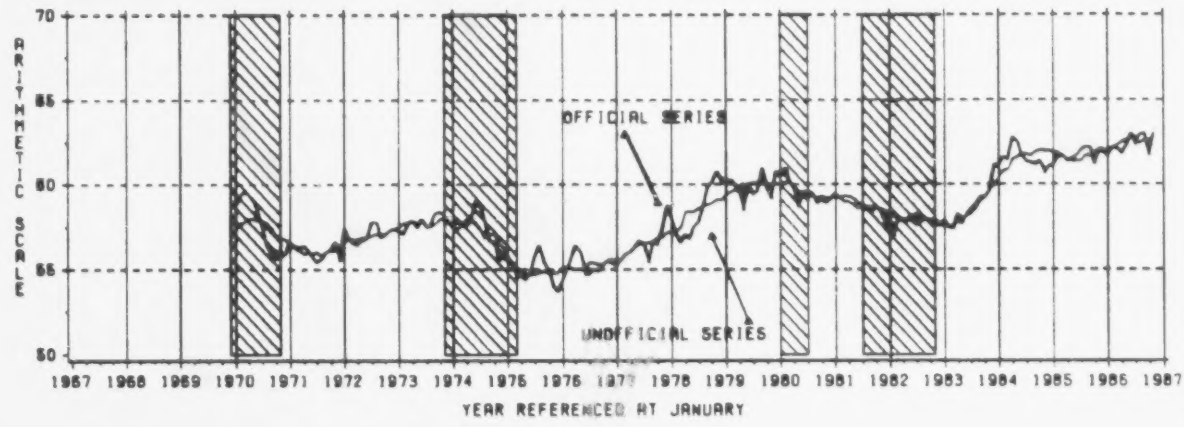
| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | OFF. | UNOFF. | OFF. | UNOFF. | OFF. | UNOFF. | OFF. | UNOFF. |
| JAN | 8.3 | 9.1 | 7.0 | 6.3 | 6.0 | 5.8 | 6.1 | 5.7 |
| FEB | 8.7 | 8.9 | 6.2 | 6.4 | 6.1 | 5.9 | 5.9 | 5.5 |
| MAR | 8.3 | 8.6 | 6.6 | 6.3 | 5.8 | 5.9 | 4.2 | 5.3 |
| APR | 7.5 | 8.4 | 6.6 | 6.1 | 6.0 | 5.9 | 4.7 | 5.2 |
| MAY | 7.4 | 8.1 | 6.4 | 6.2 | 5.2 | 5.6 | 5.5 | 5.2 |
| JUN | 8.4 | 7.9 | 5.2 | 6.2 | 5.4 | 5.7 | 5.0 | 5.2 |
| JUL | 8.2 | 7.5 | 6.2 | 6.2 | 5.8 | 5.8 | 5.5 | 5.4 |
| AUG | 8.7 | 7.4 | 6.2 | 6.2 | 4.5 | 5.5 | 4.7 | 5.0 |
| SEP | 8.1 | 7.1 | 6.2 | 6.2 | 5.2 | 5.5 | 4.7 | 4.9 |
| OCT | 6.8 | 7.0 | 5.8 | 6.2 | 6.2 | 5.4 | 5.5 | 4.8 |
| NOV | 7.0 | 7.1 | 5.8 | 5.7 | 6.0 | 5.6 | 4.4 | 4.9P |
| DEC | 6.9 | 6.6 | 5.8 | 5.9 | 5.8 | 5.3 | | |

## CHART II RESIDENT LABOR FORCE INDICATORS–II

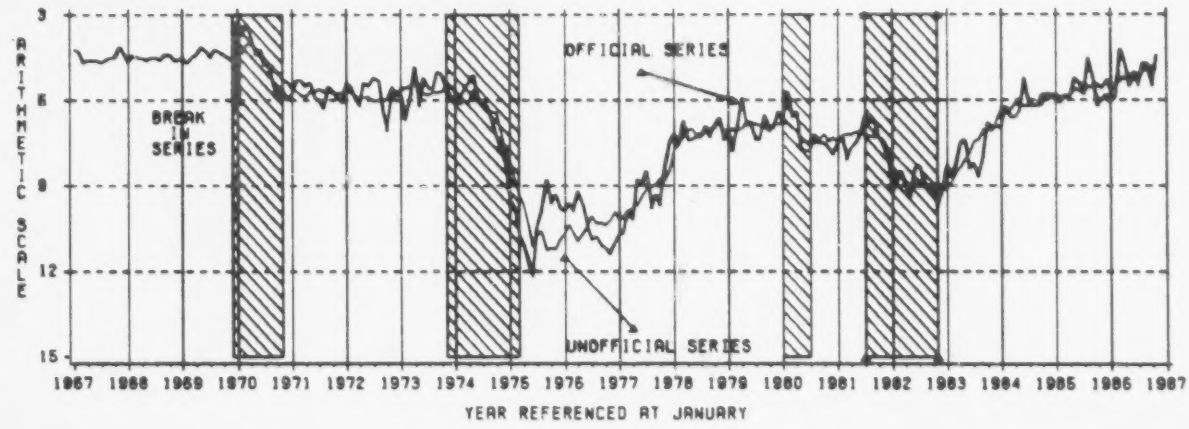
### 4. LABOR FORCE PARTICIPATION RATE (%)




### 5. EMPLOYMENT/POPULATION RATIO (%)




### 6. UNEMPLOYMENT RATE (%) INVERTED



## TABLE III ESTABLISHMENT EMPLOYMENT INDICATORS - I

### 7. NONFARM PAYROLL EMPLOYMENT (000)

| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 3038.5 | 3097.5 | 3200.0 | 3266.3 | 3318.3 | 3388.1 | 3405.2 | 3477.7 |
| FEB | 3031.3 | 3098.9 | 3210.4 | 3287.7 | 3312.9 | 3395.0 | 3408.0 | 3493.7 |
| MAR | 3062.1 | 3110.6 | 3239.5 | 3295.7 | 3343.5 | 3403.8 | 3443.5 | 3506.5 |
| APR | 3106.5 | 3125.0 | 3297.8 | 3319.2 | 3384.9 | 3407.2 | 3496.6 | 3510.0 |
| MAY | 3138.4 | 3131.6 | 3335.3 | 3328.5 | 3415.5 | 3408.6 | 3517.0 | 3509.2 |
| JUN | 3200.4 | 3147.7 | 3391.1 | 3335.3 | 3466.6 | 3409.4 | 3566.2 | 3506.2 |
| JUL | 3231.1 | 3181.1 | 3388.4 | 3335.8 | 3467.2 | 3413.6 | 3563.8 | 3506.6 |
| AUG | 3225.2 | 3178.0 | 3376.8 | 3325.7 | 3470.6 | 3418.3 | 3564.3 | 3510.0 |
| SEP | 3225.3 | 3206.6 | 3360.6 | 3338.9 | 3451.8 | 3421.3 | 3553.7 | 3531.8 |
| OCT | 3231.6 | 3215.5 | 3377.5 | 3358.9 | 3458.0 | 3441.3 | 3573.4R | 3555.0R |
| NOV | 3239.8 | 3226.9 | 3386.4 | 3372.6 | 3468.2 | 3456.8 | 3582.9P | 3570.8P |
| DEC | 3251.0 | 3242.6 | 3388.3 | 3379.3 | 3472.0 | 3466.3 | | |

### 8. PRIVATE SECTOR NONFARM PAYROLL EMPLOYMENT (000)

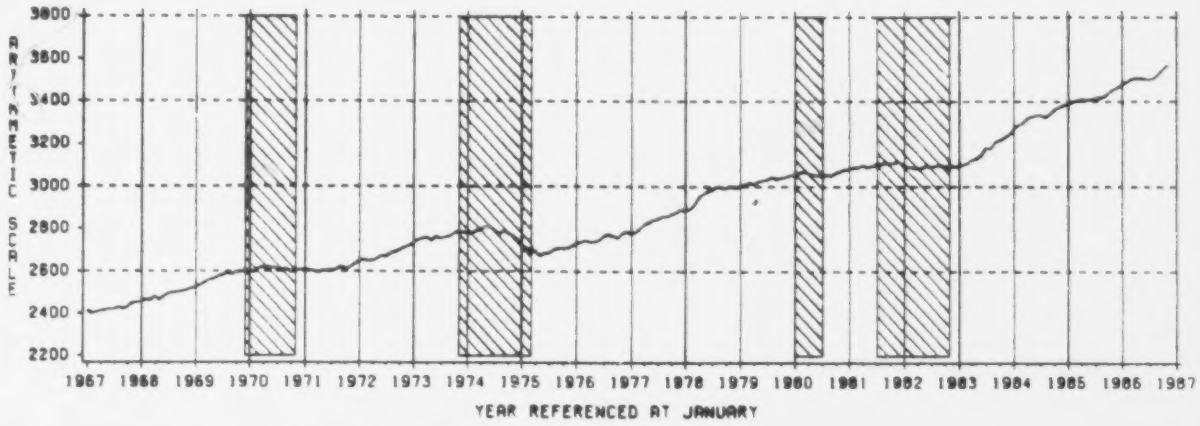
| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 2520.3 | 2578.0 | 2678.9 | 2743.6 | 2793.6 | 2861.6 | 2869.8 | 2940.5 |
| FEB | 2508.8 | 2578.6 | 2684.8 | 2764.2 | 2783.5 | 2867.7 | 2863.8 | 2951.8 |
| MAR | 2538.7 | 2591.2 | 2710.7 | 2770.8 | 2811.9 | 2876.1 | 2894.7 | 2961.7 |
| APR | 2584.8 | 2606.0 | 2771.2 | 2795.1 | 2853.5 | 2878.2 | 2936.7 | 2962.7 |
| MAY | 2617.3 | 2613.1 | 2810.6 | 2806.3 | 2882.2 | 2877.8 | 2969.0 | 2963.7 |
| JUN | 2673.0 | 2626.7 | 2863.1 | 2813.6 | 2927.0 | 2876.2 | 3014.2 | 2960.6 |
| JUL | 2707.9 | 2659.7 | 2870.8 | 2819.1 | 2930.8 | 2877.9 | 3022.9 | 2966.0 |
| AUG | 2708.3 | 2656.1 | 2866.7 | 2810.4 | 2937.3 | 2879.3 | 3029.3 | 2969.1 |
| SEP | 2718.4 | 2683.1 | 2855.3 | 2817.5 | 2926.6 | 2879.6 | 3022.3 | 2983.6 |
| OCT | 2710.3 | 2691.9 | 2857.0 | 2836.2 | 2919.8 | 2900.6 | 3025.5R | 3004.8R |
| NOV | 2713.7 | 2704.4 | 2858.8 | 2848.6 | 2922.7 | 2915.0 | 3028.3P | 3020.0P |
| DEC | 2725.5 | 2720.5 | 2859.5 | 2854.1 | 2927.6 | 2925.2 | | |

### 9. PUBLIC SECTOR PAYROLL EMPLOYMENT (000)

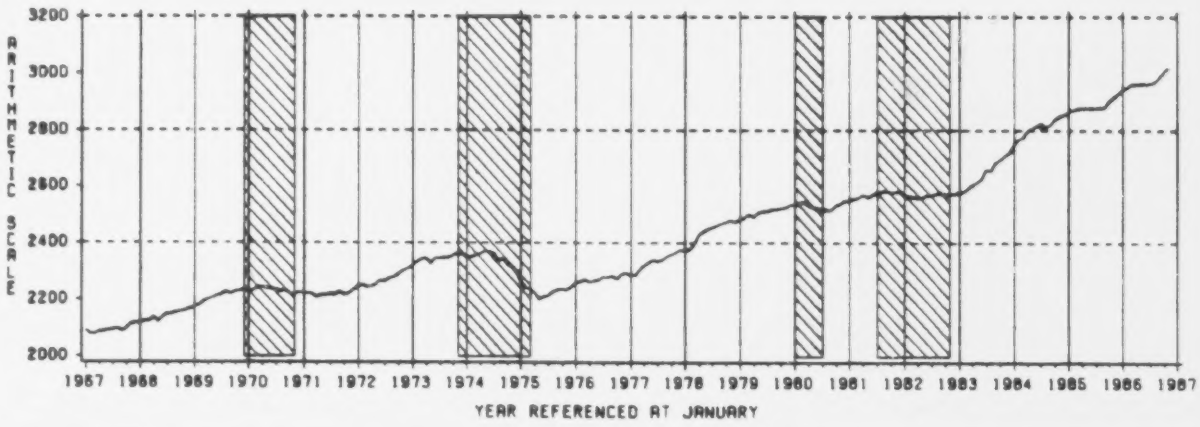
| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 518.2 | 519.5 | 521.1 | 522.7 | 524.7 | 526.5 | 535.4 | 537.2 |
| FEB | 522.5 | 520.3 | 525.6 | 523.5 | 529.5 | 527.3 | 544.2 | 541.9 |
| MAR | 523.4 | 519.4 | 528.8 | 524.9 | 531.6 | 527.7 | 548.8 | 544.8 |
| APR | 521.7 | 519.0 | 526.6 | 524.1 | 531.4 | 529.0 | 549.9 | 547.3 |
| MAY | 521.1 | 518.5 | 524.7 | 522.2 | 533.3 | 530.8 | 548.0 | 545.5 |
| JUN | 527.4 | 521.0 | 528.0 | 521.7 | 539.6 | 533.2 | 552.0 | 545.6 |
| JUL | 523.2 | 521.4 | 517.6 | 516.7 | 536.4 | 535.7 | 540.9 | 540.6 |
| AUG | 516.9 | 521.9 | 510.1 | 515.3 | 533.3 | 539.0 | 535.0 | 540.9 |
| SEP | 506.9 | 523.5 | 505.3 | 521.4 | 525.2 | 541.7 | 531.4 | 548.2 |
| OCT | 521.3 | 523.6 | 520.5 | 522.7 | 538.2 | 540.7 | 547.9R | 550.2R |
| NOV | 526.1 | 522.5 | 527.6 | 524.0 | 545.5 | 541.8 | 554.6P | 550.8P |
| DEC | 525.5 | 522.1 | 528.8 | 525.2 | 544.4 | 541.1 | | |

## CHART III ESTABLISHMENT EMPLOYMENT INDICATORS – I

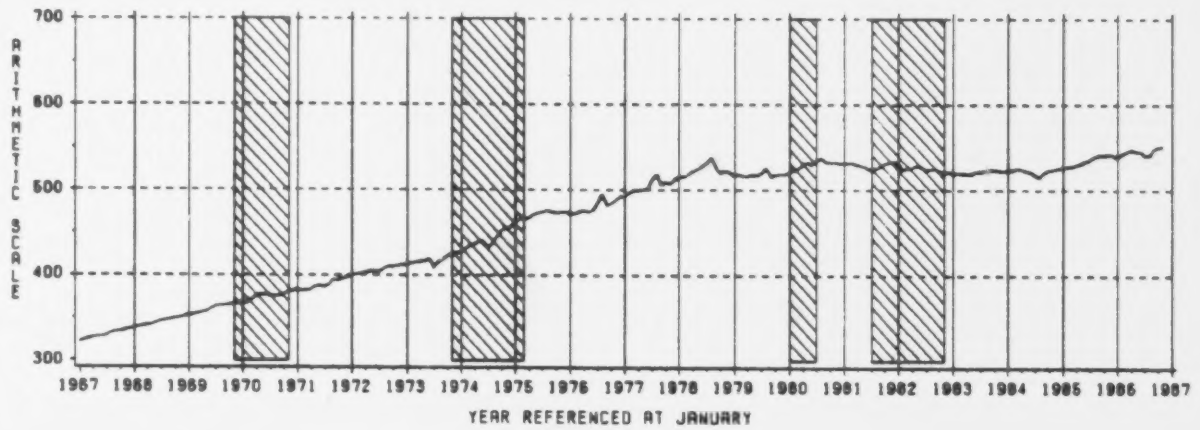
### 7. NONFARM PAYROLL EMPLOYMENT (000)




### 8. PRIVATE SECTOR NONFARM PAYROLL EMPLOYMENT (000)




### 9. PUBLIC SECTOR PAYROLL EMPLOYMENT (000)



## TABLE IV ESTABLISHMENT EMPLOYMENT INDICATORS -II

### 10. MANUFACTURING PAYROLL EMPLOYMENT (000)

| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 696.7 | 707.1 | 711.7 | 723.0 | 718.9 | 729.5 | 713.4 | 724.4 |
| FEB | 700.9 | 707.9 | 717.0 | 724.8 | 716.9 | 724.2 | 716.5 | 723.9 |
| MAR | 705.4 | 709.3 | 721.2 | 726.1 | 719.5 | 724.0 | 717.3 | 721.6 |
| APR | 706.1 | 709.8 | 724.7 | 728.4 | 718.9 | 722.3 | 717.2 | 721.1 |
| MAY | 709.1 | 710.3 | 729.1 | 730.6 | 717.8 | 719.4 | 717.5 | 719.2 |
| JUN | 717.9 | 711.5 | 735.7 | 730.2 | 723.1 | 717.8 | 722.2 | 716.7 |
| JUL | 715.7 | 717.3 | 727.1 | 728.5 | 714.4 | 715.7 | 712.3 | 713.4 |
| AUG | 722.5 | 717.2 | 730.4 | 724.8 | 721.2 | 716.0 | 715.2 | 710.2 |
| SEP | 728.3 | 719.0 | 734.6 | 724.9 | 720.6 | 712.3 | 720.9 | 712.5 |
| OCT | 728.1 | 721.0 | 734.2 | 726.6 | 721.5 | 714.8 | 722.5R | 715.8R |
| NOV | 727.6 | 723.6 | 730.5 | 726.0 | 720.5 | 716.7 | 719.9P | 716.2P |
| DEC | 722.9 | 724.9 | 725.1 | 726.0 | 716.1 | 717.7 | | |

### 11. CONSTRUCTION PAYROLL EMPLOYMENT (000)

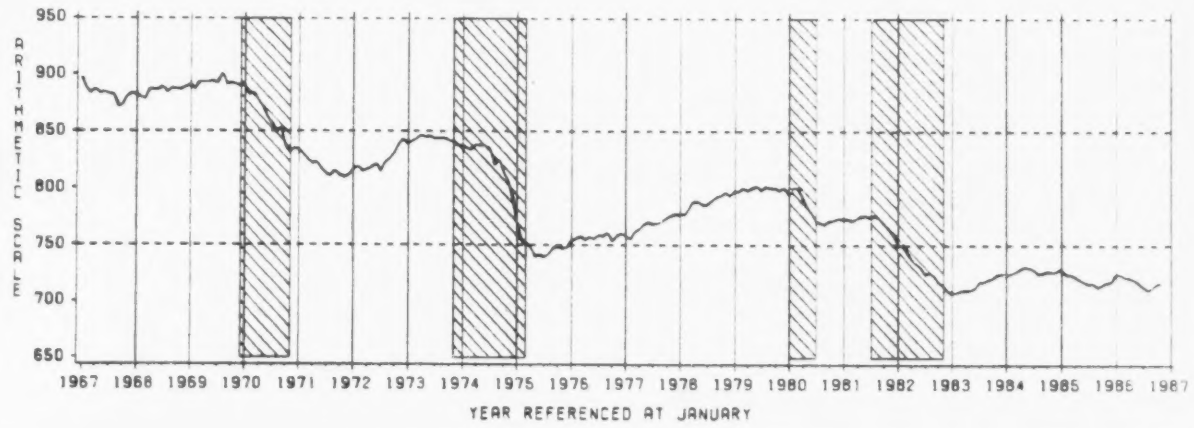
| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 97.2 | 109.2 | 109.5 | 122.7 | 124.1 | 139.1 | 129.7 | 144.9 |
| FEB | 92.0 | 108.3 | 108.8 | 128.2 | 117.9 | 138.8 | 124.4 | 146.5 |
| MAR | 95.8 | 107.3 | 113.1 | 126.5 | 127.1 | 142.0 | 131.3 | 146.7 |
| APR | 104.1 | 107.7 | 124.7 | 128.9 | 138.4 | 143.0 | 141.5 | 146.2 |
| MAY | 110.1 | 108.9 | 131.5 | 129.8 | 143.2 | 141.1 | 146.7 | 144.5 |
| JUN | 115.3 | 110.3 | 137.0 | 131.1 | 145.7 | 139.3 | 152.7 | 146.0 |
| JUL | 119.5 | 112.0 | 140.4 | 131.6 | 147.3 | 138.2 | 156.2 | 146.5 |
| AUG | 121.7 | 113.0 | 142.7 | 132.7 | 149.0 | 138.6 | 158.3 | 147.3 |
| SEP | 121.3 | 114.2 | 141.7 | 133.6 | 147.1 | 138.9 | 158.2 | 149.4 |
| OCT | 123.2 | 115.8 | 144.4 | 135.9 | 147.8 | 139.1 | 159.9R | 150.4R |
| NOV | 123.0 | 116.9 | 142.9 | 136.2 | 146.8 | 140.2 | 157.9P | 150.8P |
| DEC | 121.4 | 118.9 | 138.9 | 136.1 | 145.9 | 143.0 | | |

### 12. PRIVATE SERVICE-PRODUCING INDUSTRIES PAYROLL EMPLOYMENT (000)

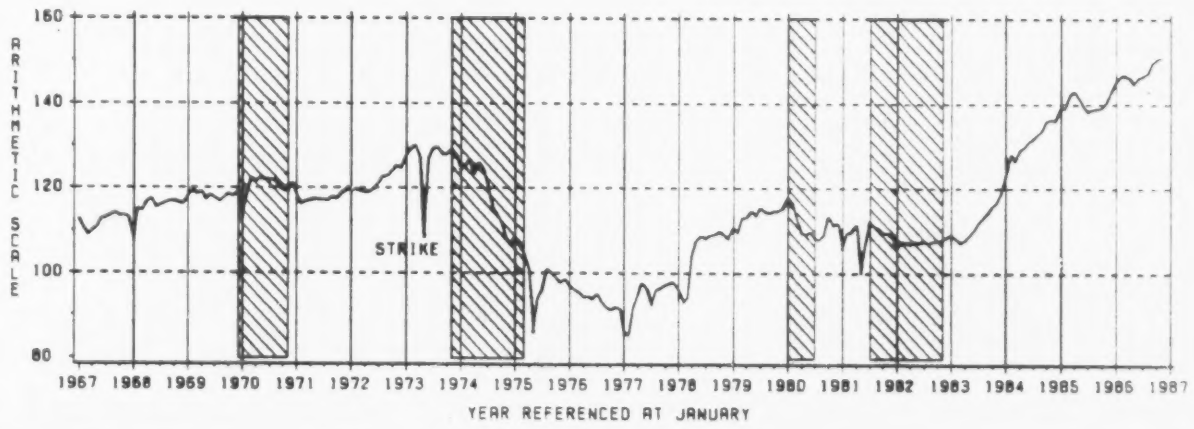
| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 1724.5 | 1759.8 | 1855.8 | 1895.8 | 1948.5 | 1990.8 | 2024.6 | 2068.9 |
| FEB | 1714.1 | 1760.4 | 1857.2 | 1909.2 | 1946.8 | 2002.5 | 2020.8 | 2079.0 |
| MAR | 1735.7 | 1772.7 | 1874.4 | 1916.2 | 1963.4 | 2008.0 | 2043.9 | 2091.0 |
| APR | 1772.7 | 1786.5 | 1919.5 | 1935.6 | 1994.0 | 2010.7 | 2075.6 | 2093.0 |
| MAY | 1795.9 | 1791.9 | 1947.8 | 1943.7 | 2019.1 | 2015.1 | 2102.4 | 2097.7 |
| JUN | 1837.7 | 1803.0 | 1987.9 | 1950.2 | 2055.9 | 2016.9 | 2136.8 | 2095.5 |
| JUL | 1870.5 | 1828.4 | 2001.0 | 1956.8 | 2066.9 | 2021.8 | 2151.9 | 2103.7 |
| AUG | 1861.9 | 1823.8 | 1991.2 | 1950.8 | 2064.8 | 2022.5 | 2153.3 | 2109.2 |
| SEP | 1866.7 | 1847.9 | 1976.6 | 1956.8 | 2056.5 | 2026.3 | 2140.7 | 2119.3 |
| OCT | 1856.9 | 1853.0 | 1976.2 | 1971.5 | 2048.3 | 2044.5 | 2140.7R | 2136.3R |
| NOV | 1860.8 | 1861.8 | 1983.1 | 1984.2 | 2053.0 | 2055.9 | 2148.1P | 2150.7P |
| DEC | 1879.0 | 1874.6 | 1993.2 | 1989.8 | 2063.4 | 2062.3 | | |

## CHART IV ESTABLISHMENT EMPLOYMENT INDICATORS – II

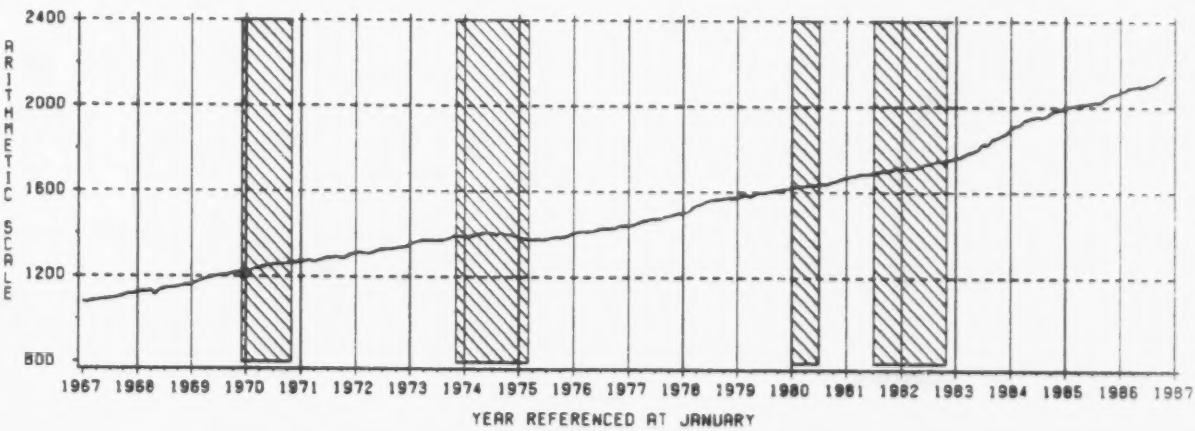
### 10. MANUFACTURING PAYROLL EMPLOYMENT(000)




### 11. CONSTRUCTION PAYROLL EMPLOYMENT (000)




### 12. PRIVATE SERVICE–PRODUCING INDUSTRIES PAYROLL EMPLOYMENT (000)



## TABLE V PRODUCTION WORKERS INDICATORS

### 13. MANUFACTURING EMPLOYMENT-PRODUCTION WORKERS(000)

| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 445.8 | 453.9 | 450.7 | 459.5 | 450.9 | 459.8 | 430.0 | 438.3 |
| FEB | 450.5 | 454.5 | 453.8 | 458.1 | 449.8 | 454.1 | 433.4 | 437.3 |
| MAR | 452.9 | 454.9 | 455.5 | 457.8 | 449.7 | 451.9 | 434.4 | 436.6 |
| APR | 453.5 | 456.0 | 456.7 | 459.4 | 442.1 | 444.6 | 434.0 | 436.6 |
| MAY | 454.4 | 455.2 | 459.0 | 460.1 | 441.7 | 442.9 | 433.0 | 434.3 |
| JUN | 459.3 | 454.7 | 463.4 | 459.0 | 446.9 | 442.8 | 438.2 | 434.3 |
| JUL | 454.2 | 459.4 | 457.5 | 462.5 | 433.5 | 438.2 | 429.3 | 434.1 |
| AUG | 459.3 | 457.9 | 459.4 | 457.4 | 439.5 | 437.5 | 433.0 | 430.8 |
| SEP | 465.1 | 457.4 | 462.9 | 455.7 | 440.4 | 434.0 | 439.6 | 433.1 |
| OCT | 465.4 | 458.8 | 461.8 | 455.5 | 439.1 | 433.3 | 440.8R | 435.1R |
| NOV | 465.0 | 460.8 | 458.6 | 454.3 | 437.5 | 433.5 | 438.5P | 434.6P |
| DEC | 460.0 | 460.3 | 455.4 | 455.4 | 433.5 | 433.5 | | |

### 14. MANUFACTURING WORKWEEK-PRODUCTION WORKERS(HOURS)

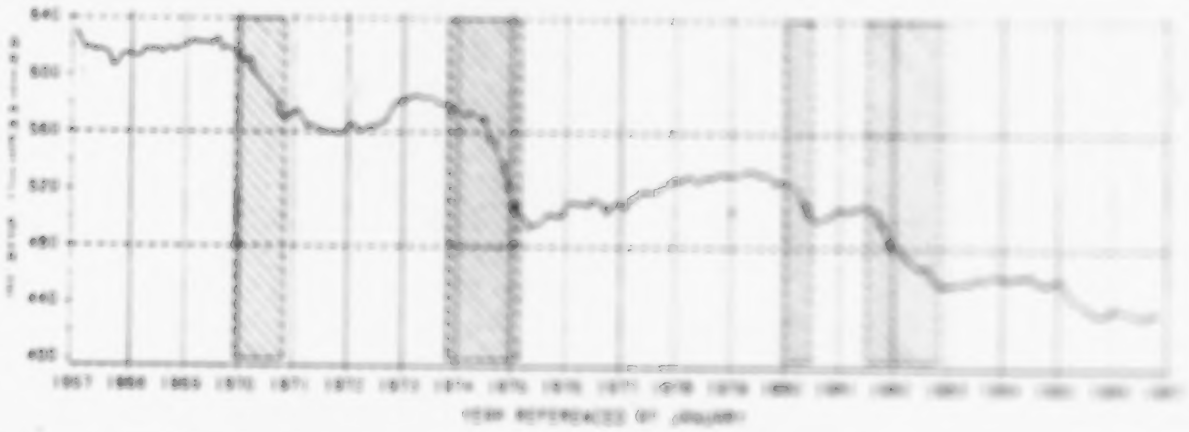
| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 40.1 | 40.2 | 40.9 | 41.1 | 40.9 | 41.1 | 41.1 | 41.3 |
| FEB | 38.4 | 38.5 | 41.4 | 41.6 | 40.7 | 40.9 | 40.7 | 40.9 |
| MAR | 40.6 | 40.5 | 41.0 | 40.9 | 41.0 | 40.9 | 41.1 | 41.0 |
| APR | 40.5 | 40.8 | 41.1 | 41.4 | 40.6 | 40.8 | 41.0 | 41.2 |
| MAY | 40.4 | 40.5 | 41.0 | 41.1 | 40.6 | 40.7 | 40.9 | 41.0 |
| JUN | 40.6 | 40.6 | 41.2 | 41.2 | 40.8 | 40.8 | 41.0 | 41.0 |
| JUL | 40.4 | 40.8 | 40.8 | 41.2 | 40.3 | 40.6 | 40.8 | 41.1 |
| AUG | 40.9 | 41.1 | 40.9 | 41.0 | 40.4 | 40.6 | 40.9 | 41.1 |
| SEP | 41.2 | 41.1 | 41.4 | 41.3 | 40.7 | 40.5 | 41.0 | 40.8 |
| OCT | 41.1 | 40.9 | 41.3 | 41.1 | 41.0 | 40.7 | 41.0R | 40.8R |
| NOV | 41.3 | 40.9 | 41.4 | 41.0 | 41.3 | 40.8 | 41.3P | 41.0P |
| DEC | 41.4 | 40.9 | 41.4 | 40.9 | 41.4 | 40.9 | | |

### 15. AGGREGATE MANUFACTURING WEEKLY MANHOURS-PRODUCTION WORKERS (000)

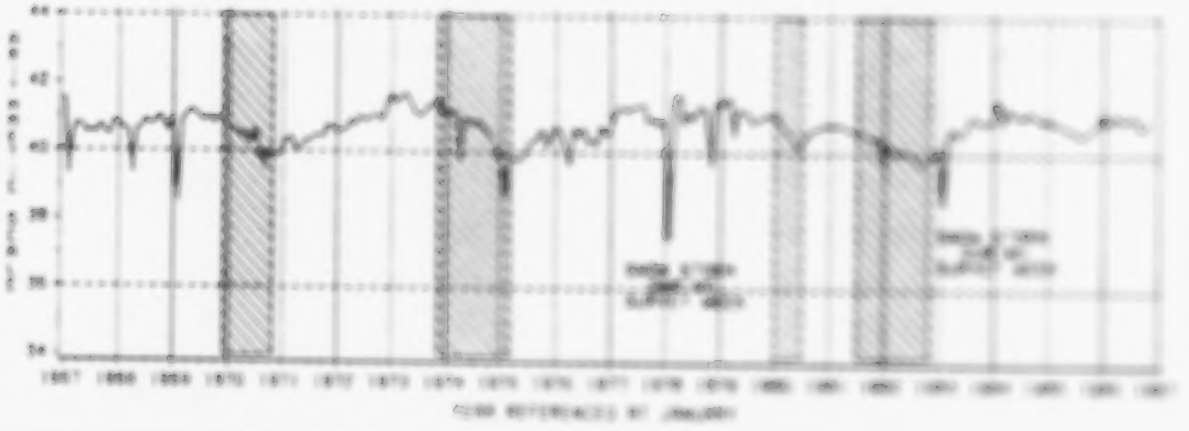
| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 17,877 | 18,247 | 18,434 | 18,885 | 18,442 | 18,898 | 17,673 | 18,102 |
| FEB | 17,299 | 17,498 | 18,787 | 19,057 | 18,307 | 18,573 | 17,660 | 17,906 |
| MAR | 18,388 | 18,423 | 18,676 | 18,724 | 18,438 | 18,483 | 17,854 | 17,901 |
| APR | 18,367 | 18,605 | 18,770 | 19,019 | 17,949 | 18,140 | 17,794 | 17,988 |
| MAY | 18,358 | 18,436 | 18,819 | 18,910 | 17,933 | 18,026 | 17,710 | 17,806 |
| JUN | 18,648 | 18,461 | 19,092 | 18,911 | 18,234 | 18,066 | 17,966 | 17,806 |
| JUL | 18,350 | 18,744 | 18,666 | 19,055 | 17,470 | 17,791 | 17,515 | 17,842 |
| AUG | 18,785 | 18,820 | 18,789 | 18,753 | 17,756 | 17,763 | 17,710 | 17,706 |
| SEP | 19,162 | 18,799 | 19,164 | 18,820 | 17,924 | 17,577 | 18,024 | 17,670 |
| OCT | 19,128 | 18,765 | 19,072 | 18,721 | 18,003 | 17,635 | 18,073R | 17,752R |
| NOV | 19,205 | 18,847 | 18,986 | 18,626 | 18,069 | 17,687 | 18,110P | 17,819P |
| DEC | 19,044 | 18,826 | 18,854 | 18,626 | 17,947 | 17,730 | | |

## CHART V PRODUCTION WORKER INDICATORS

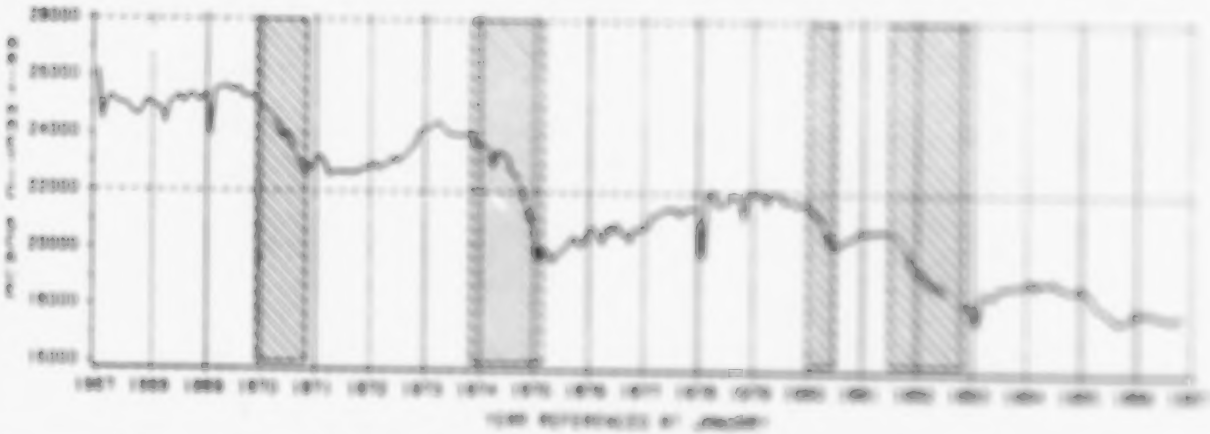
13 MANUFACTURING EMPLOYMENT - PRODUCTION WORKERS (000)



14 MANUFACTURING WORKWEEK - PRODUCTION WORKERS (HOURS)



15 AGGREGATE MANUFACTURING WEEKLY MANHOURS - PRODUCTION WORKERS (000)



## TABLE VI EARNINGS AND PRICE INDICATORS

### 16. WEEKLY EARNINGS OF MANUFACTURING PRODUCTION WORKERS ($)

| DATE | 1983 | 1984 | 1985 | 1986 |
|---|---|---|---|---|
| | UNADJUSTED | UNADJUSTED | UNADJUSTED | UNADJUSTED |
| JAN | 358.90 | 384.87 | 395.50 | 416.34 |
| FEB | 346.37 | 389.16 | 393.57 | 411.48 |
| MAR | 366.62 | 385.40 | 398.11 | 415.93 |
| APR | 365.53 | 389.22 | 398.29 | 414.92 |
| MAY | 366.02 | 387.04 | 398.29 | 414.32 |
| JUN | 368.24 | 390.99 | 401.88 | 416.56 |
| JUL | 369.26 | 387.60 | 398.97 | 416.98 |
| AUG | 372.60 | 387.32 | 399.15 | 417.18 |
| SEP | 376.98 | 394.96 | 402.93 | 419.43 |
| OCT | 276.89 | 395.24 | 407.54 | 419.43R |
| NOV | 381.20 | 399.51 | 414.24 | 425.80P |
| DEC | 385.43 | 401.99 | 418.97 | |

### 17. CPI FOR URBAN WAGE EARNERS AND CLERICAL WORKERS (UNADJUSTED INDEX 1967=100)

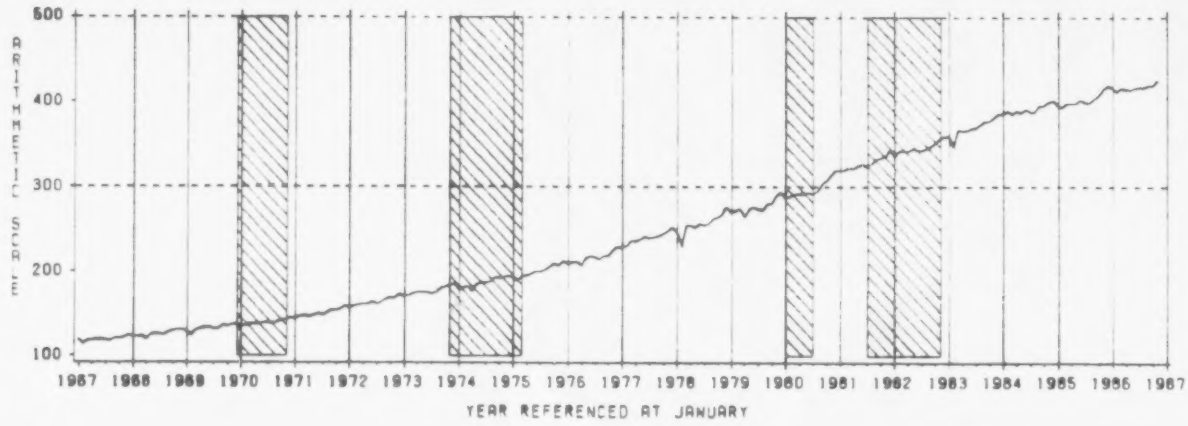
| DATE | 1983 | | | 1984 | | | 1985 | | | 1986 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | U.S. | N.Y. | PHILA. | U.S. | N.Y. | PHILA. | U.S. | N.Y. | PHILA. | U.S. | N.Y. | PHILA. |
| JAN | 292.1 | 280.8 | 282.5 | 302.7 | 290.2 | 296.7 | 312.6 | 302.0 | 309.4 | 324.3 | 315.8 | 323.0 |
| FEB | 292.3 | 279.6 | 283.3 | 303.3 | 290.5 | 298.5 | 313.9 | 303.6 | 312.4 | 323.2 | 314.7 | 322.8 |
| MAR | 293.0 | 280.3 | 285.5 | 303.3 | 289.9 | 298.8 | 315.3 | 304.2 | 313.5 | 321.4 | 314.5 | 321.4 |
| APR | 294.9 | 282.2 | 286.8 | 304.1 | 291.2 | 299.0 | 316.7 | 305.1 | 315.3 | 320.4 | 313.2 | 319.7 |
| MAY | 296.3 | 283.8 | 286.5 | 305.4 | 291.6 | 300.5 | 317.8 | 305.8 | 317.2 | 321.4 | 312.3 | 320.8 |
| JUN | 297.2 | 285.9 | 288.7 | 306.2 | 293.0 | 302.7 | 318.7 | 306.3 | 317.2 | 323.0 | 314.4 | 323.5 |
| JUL | 298.2 | 286.1 | 291.1 | 307.5 | 294.7 | 304.3 | 319.1 | 306.5 | 318.6 | 322.9 | 316.5 | 324.6 |
| AUG | 299.5 | 288.4 | 293.3 | 310.3 | 297.1 | 306.1 | 319.6 | 308.5 | 318.5 | 323.4 | 317.2 | 324.4 |
| SEP | 300.8 | 288.1 | 294.2 | 312.1 | 299.9 | 308.5 | 320.5 | 309.3 | 319.1 | 324.9 | 317.5 | 326.7 |
| OCT | 301.3 | 288.7 | 294.2 | 312.2 | 300.4 | 308.7 | 321.3 | 309.9 | 320.3 | 325.0 | 318.7 | 326.1 |
| NOV | 301.4 | 287.3 | 294.8 | 311.9 | 301.2 | 309.2 | 322.6 | 312.5 | 321.5 | 325.4 | 318.6 | 325.4 |
| DEC | 301.5 | 288.2 | 294.3 | 312.2 | 301.6 | 307.9 | 323.4 | 313.5 | 322.5 | | | |

### 18. NET SPENDABLE WEEKLY EARNINGS OF MANUFACTURING WORKERS IN 1967 DOLLARS (UNADJUSTED)

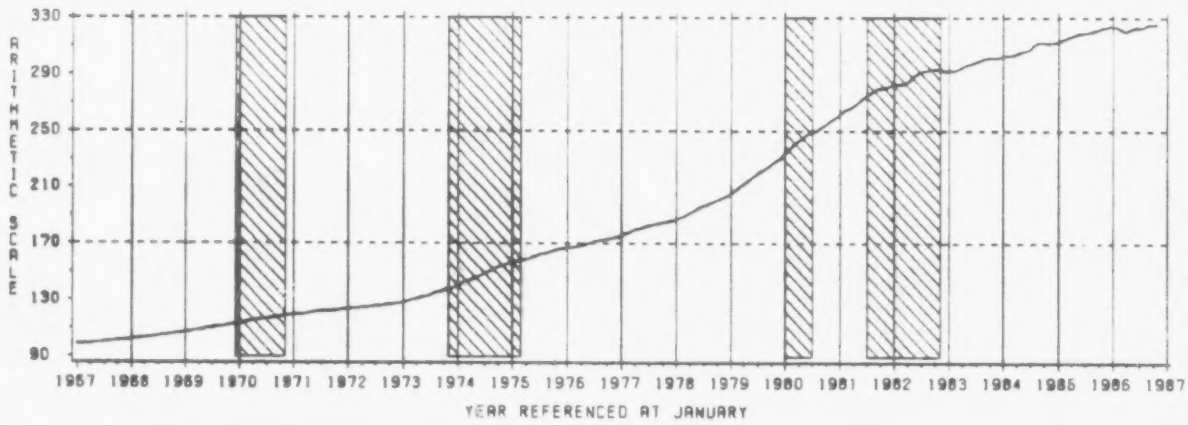
| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | SINGLE | 3 DEP | SINGLE | 3 DEP | SINGLE | 3 DEP | SINGLE | 3 DEP |
| JAN | 95.04 | 104.26 | 99.90 | 108.19 | 98.28 | 106.39 | 98.85 | 106.98 |
| FEB | 92.25 | 101.12 | 100.52 | 108.90 | 97.14 | 105.12 | 97.96 | 105.95 |
| MAR | 96.39 | 105.79 | 99.71 | 108.00 | 97.81 | 105.92 | 99.11 | 107.25 |
| APR | 95.61 | 104.92 | 100.33 | 108.69 | 97.44 | 105.51 | 99.37 | 107.53 |
| MAY | 95.48 | 104.79 | 99.51 | 107.78 | 97.03 | 105.07 | 99.22 | 107.35 |
| JUN | 95.28 | 104.58 | 99.77 | 108.10 | 97.68 | 105.83 | 98.93 | 107.07 |
| JUL | 97.27 | 105.37 | 98.50 | 106.69 | 96.83 | 104.87 | 98.52 | 106.63 |
| AUG | 97.23 | 105.39 | 97.75 | 105.88 | 96.59 | 104.61 | 98.50 | 106.61 |
| SEP | 98.08 | 106.40 | 98.56 | 106.82 | 97.15 | 105.26 | 98.55 | 106.68 |
| OCT | 97.96 | 106.26 | 98.49 | 106.75 | 97.95 | 106.03 | 98.46R | 106.58R |
| NOV | 99.03 | 107.51 | 99.21 | 107.56 | 98.72 | 106.94 | 99.85P | 108.16P |
| DEC | 99.88 | 108.51 | 99.87 | 108.30 | 99.37 | 107.69 | | |

# CHART VI EARNINGS AND PRICE INDICATORS

16. WEEKLY EARNINGS OF MANUFACTURING PRODUCTION WORKERS ($) NOT SEASONALLY ADJUSTED




17. U.S. CONSUMER PRICE INDEX FOR URBAN AND CLERICAL WORKERS (UNADJUSTED INDEX 1967=100)




18. NET SPENDABLE WEEKLY EARNINGS OF MANUFACTURING WORKERS (3 DEPENDENTS) IN 1967 DOLLARS (UNADJUSTED)

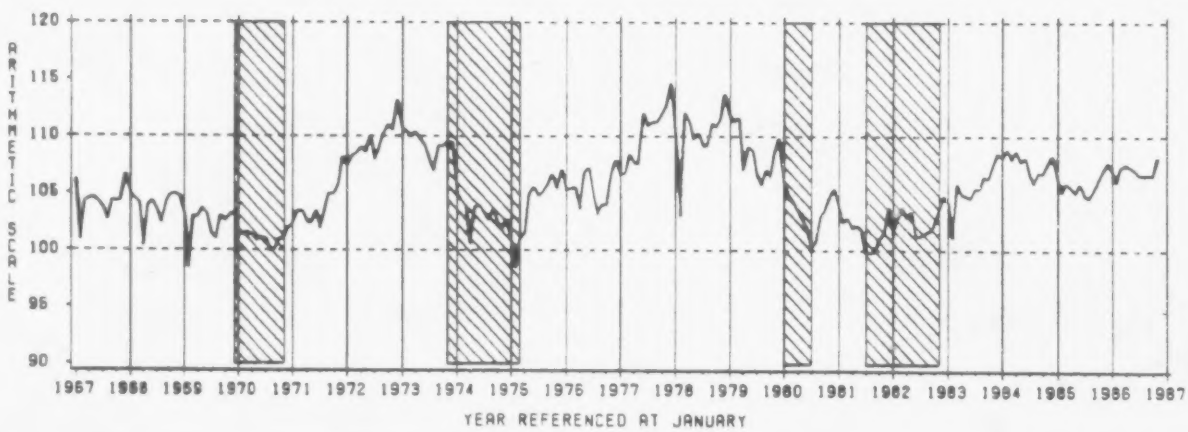


TABLE VII GENERAL BUSINESS INDICATORS

19. NEW BUSINESS INCORPORATIONS (NUMBER)

| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 2131 | 2083 | 2444 | 2275 | 2999 | 2591 | 2910 | 2562 |
| FEB | 1978 | 2113 | 2289 | 2276 | 2226 | 2372 | 2539 | 2705 |
| MAR | 2615 | 2148 | 2445 | 2178 | 2533 | 2322 | 2787 | 2567 |
| APR | 2229 | 2186 | 2176 | 2148 | 2627 | 2520 | 3345 | 3074 |
| MAY | 1788 | 1696 | 2469 | 2225 | 2527 | 2345 | 3009 | 2931 |
| JUN | 1833 | 1798 | 2084 | 2184 | 2348 | 2501 | 2580 | 2729 |
| JUL | 2201 | 2305 | 2469 | 2489 | 2478 | 2356 | 2975 | 2779 |
| AUG | 2925 | 2979 | 2275 | 2323 | 2431 | 2600 | 2476 | 2716 |
| SEP | 2068 | 2245 | 1979 | 2231 | 2483 | 2780 | 2639 | 2861 |
| OCT | 2201 | 2267 | 2456 | 2329 | 3060 | 2847 | 2719 | 2578 |
| NOV | 2098 | 2361 | 1794 | 2139 | 2318 | 2862 | | |
| DEC | 2148 | 2185 | 2766 | 2864 | 2428 | 2435 | | |

20. BUSINESSS FAILURES (NUMBER)

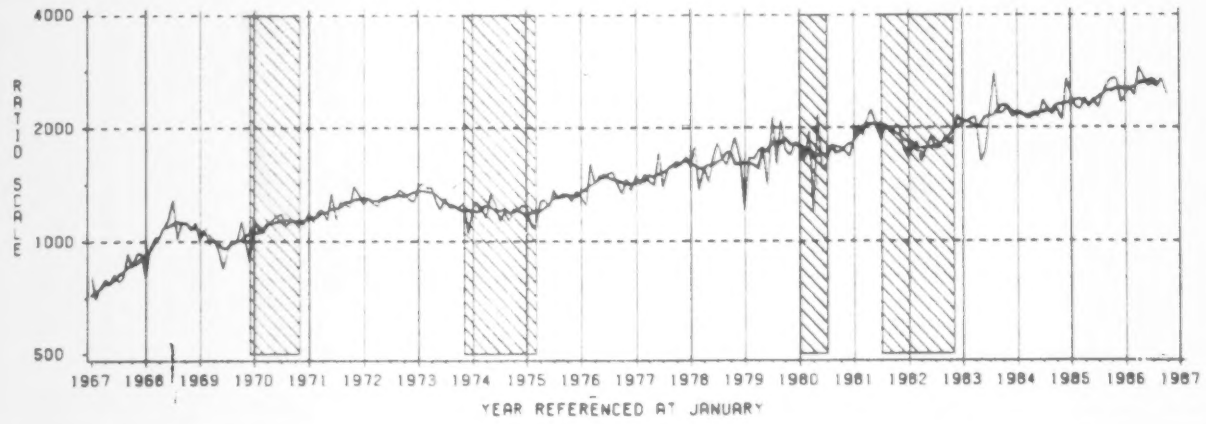
| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| | | | | | BREAK IN SERIES | | | |
| JAN | 57 | 61 | 80 | 89 | 60 | 59 | 96 | 92 |
| FEB | 42 | 45 | 99 | 94 | 73 | 77 | 70 | 73 |
| MAR | 53 | 45 | 120 | 100 | 105 | 86 | 94 | 78 |
| APR | 68 | 57 | 88 | 76 | 88 | 77 | 73 | 58 |
| MAY | 51 | 48 | 82 | 70 | 102 | 86 | 91 | 82 |
| JUN | 80 | 66 | 87 | 77 | 64 | 58 | 55 | 51 |
| JUL | 33 | 46 | 66 | 97 | 90 | 119 | 53 | 69 |
| AUG | 73 | 58 | 100 | 81 | 79 | 69 | 60 | 54 |
| SEP | 48 | 54 | 70 | 85 | 53 | 68 | 56 | 72 |
| OCT | 46 | 55 | 74 | 82 | 93 | 101 | | |
| NOV | 65 | 71 | 69 | 78 | 109 | 123 | | |
| DEC | 73 | 83 | 70 | 83 | 66 | 80 | | |

21. ELECTRIC POWER SALES (MILLIONS OF KILOWATT-HOURS)

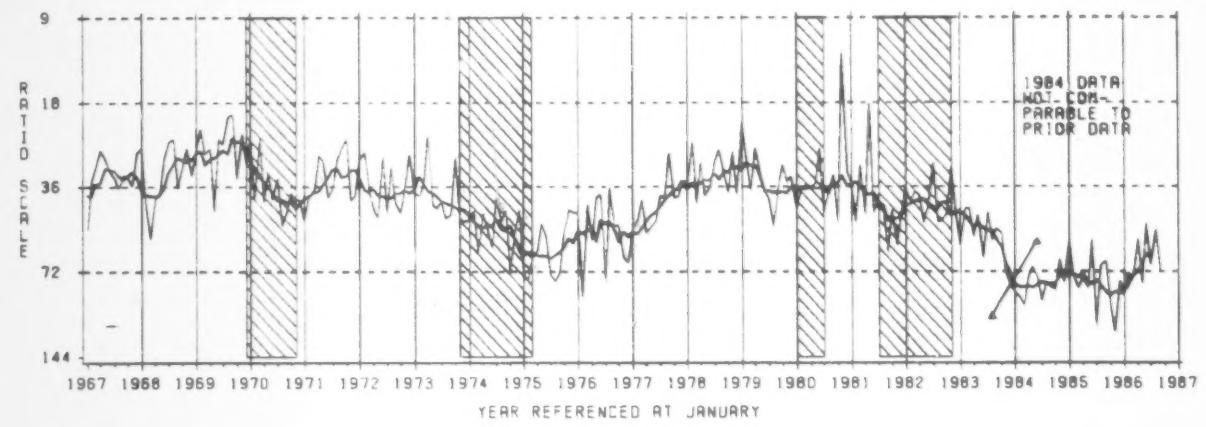
| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 4266 | 3990 | 4684 | 4357 | 4740 | 4415 | 4951 | 4605 |
| FEB | 3993 | 4037 | 4301 | 4217 | 4446 | 4511 | 4564 | 4633 |
| MAR | 4143 | 4113 | 4447 | 4422 | 4371 | 4350 | 4557 | 4580 |
| APR | 3851 | 4185 | 3982 | 4364 | 4083 | 4428 | 4185 | 4540 |
| MAY | 3711 | 4140 | 3971 | 4430 | 4136 | 4609 | 4331 | 4829 |
| JUN | 4203 | 4327 | 4547 | 4631 | 4248 | 4377 | 4700 | 4845 |
| JUL | 4851 | 4339 | 4812 | 4328 | 4895 | 4401 | 5286 | 4753 |
| AUG | 5053 | 4405 | 5116 | 4443 | 5101 | 4420 | 5201 | 4510 |
| SEP | 4586 | 4483 | 4287 | 4212 | 4742 | 4645 | 4606P | 4471P |
| OCT | 4015 | 4329 | 4076 | 4356 | 4257 | 4556 | | |
| NOV | 3932 | 4267 | 4043 | 4380 | 4133 | 4475 | | |
| DEC | 4321 | 4312 | 4337 | 4381 | 4612 | 4621 | | |

## CHART VII GENERAL BUSINESS INDICATORS

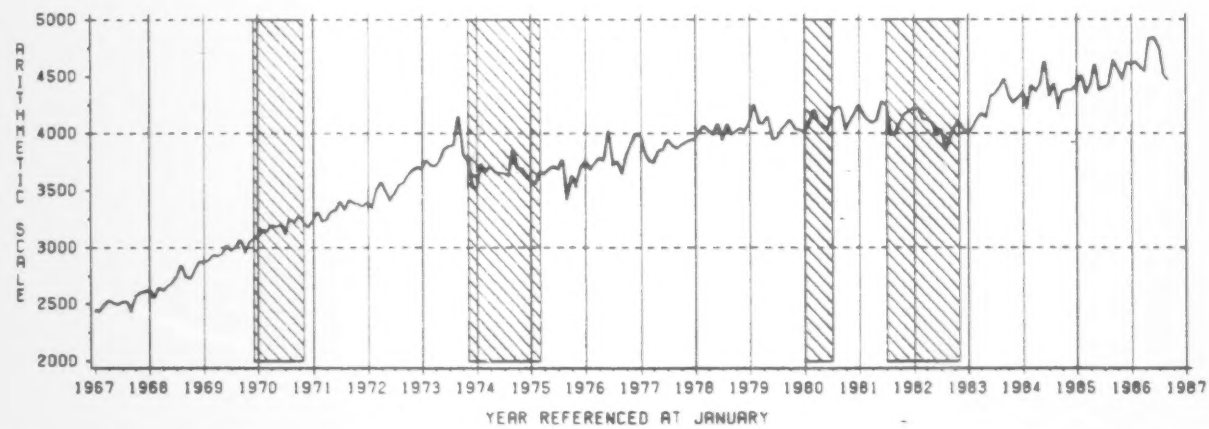
### 19. NEW BUSINESS INCORPORATIONS (NUMBER) SIX-MONTH MOVING AVERAGE




### 20. BUSINESS FAILURES (NUMBER) SIX-MONTH MOVING AVERAGE - INVERTED




### 21. ELECTRIC POWER SALES (MILLIONS OF KILOWATT-HOURS)



## TABLE VIII CONSTRUCTION CONTRACT INDICATORS

### 22. TOTAL CONSTRUCTION CONTRACTS AWARDED ($000,000)

| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 348.9 | 403.2 | 459.3 | 529.3 | 479.9 | 562.6 | 401.4 | 470.6 |
| FEB | 266.8 | 401.3 | 371.5 | 556.1 | 416.6 | 619.6 | 364.4 | 542.0 |
| MAR | 373.7 | 396.0 | 536.8 | 554.6 | 647.4 | 659.4 | 655.0 | 667.2 |
| APR | 521.9 | 537.9 | 447.3 | 461.8 | 696.8 | 724.4 | 921.3 | 957.8 |
| MAY | 414.2 | 391.6 | 473.5 | 448.0 | 747.0 | 709.0 | 694.4 | 659.0 |
| JUN | 764.5 | 593.0 | 612.2 | 471.3 | 806.1 | 616.1 | 669.3 | 511.6 |
| JUL | 524.5 | 506.0 | 463.6 | 442.4 | 766.8 | 729.6 | 716.0 | 681.2 |
| AUG | 493.5 | 405.1 | 671.9 | 563.8 | 798.1 | 674.6 | 689.7 | 583.0 |
| SEP | 531.9 | 497.7 | 592.7 | 561.8 | 652.5 | 625.5 | 750.9 | 719.8 |
| OCT | 436.5 | 430.0 | 653.5 | 648.9 | 752.2 | 741.5 | 861.3 | 849.0 |
| NOV | 516.0 | 515.4 | 545.4 | 540.3 | 699.4R | 695.0R | 752.8 | 748.1 |
| DEC | 429.0 | 494.2 | 571.1 | 658.2 | 539.1 | 622.5 | | |

### 23. RESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000)

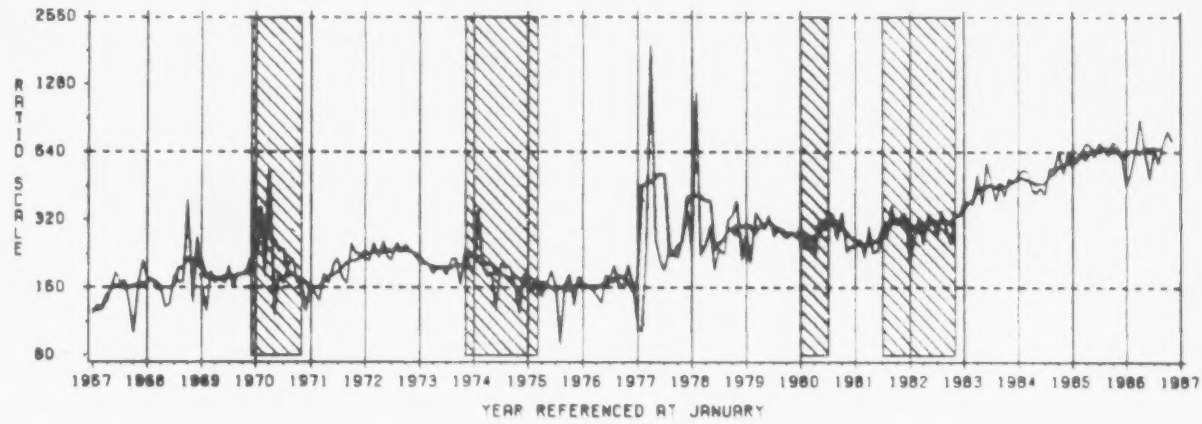
| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 174.7 | 223.6 | 181.8 | 230.3 | 215.0 | 265.6 | 225.8 | 278.9 |
| FEB | 132.5 | 236.5 | 100.7 | 180.0 | 168.1 | 298.8 | 180.6 | 321.2 |
| MAR | 177.1 | 183.1 | 301.4 | 293.9 | 333.5 | 314.9 | 345.8 | 326.6 |
| APR | 210.3 | 211.7 | 219.3 | 222.9 | 355.3 | 364.9 | 543.7 | 558.5 |
| MAY | 177.1 | 144.2 | 290.3 | 228.6 | 396.3 | 308.4 | 418.7 | 325.9 |
| JUN | 520.9 | 394.4 | 283.9 | 213.7 | 439.6 | 330.4 | 367.9 | 276.5 |
| JUL | 198.9 | 202.5 | 218.6 | 225.9 | 502.8 | 530.9 | 304.7 | 321.6 |
| AUG | 286.0 | 230.0 | 278.1 | 229.3 | 423.1 | 349.8 | 306.4 | 253.3 |
| SEP | 287.4 | 259.7 | 277.4 | 253.0 | 339.3 | 309.4 | 338.6 | 308.8 |
| OCT | 176.6 | 176.9 | 316.6 | 320.2 | 363.6 | 369.2 | 408.0 | 414.2 |
| NOV | 204.0 | 217.8 | 249.6 | 267.3 | 311.9R | 331.1R | 325.1 | 345.1 |
| DEC | 192.7 | 231.2 | 189.6 | 236.1 | 281.5 | 359.4 | | |

### 24. NONRESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000)

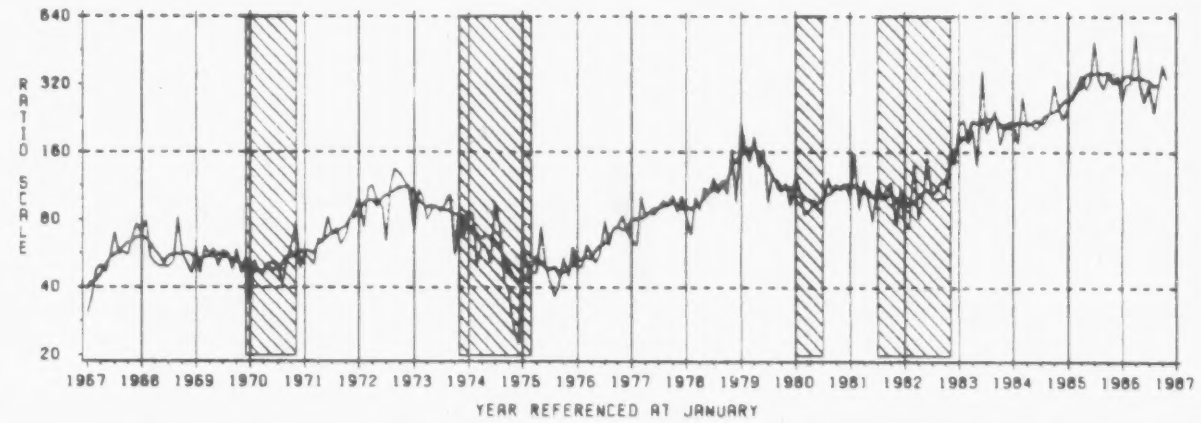
| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 141.6 | 154.2 | 220.2 | 243.9 | 167.6 | 185.5 | 142.1 | 157.3 |
| FEB | 103.0 | 163.1 | 192.9 | 306.9 | 129.8 | 207.7 | 117.6 | 188.2 |
| MAR | 162.7 | 170.3 | 189.1 | 190.9 | 247.6 | 246.9 | 223.4 | 222.8 |
| APR | 203.5 | 211.3 | 173.4 | 177.1 | 228.4 | 231.7 | 299.7 | 303.9 |
| MAY | 189.7 | 184.8 | 134.3 | 129.5 | 252.9 | 241.3 | 214.4 | 204.6 |
| JUN | 192.0 | 162.7 | 246.4 | 216.2 | 321.3 | 286.2 | 228.9 | 203.9 |
| JUL | 184.1 | 189.8 | 179.4 | 189.3 | 182.0 | 193.0 | 263.4 | 279.3 |
| AUG | 137.2 | 112.2 | 249.4 | 204.6 | 241.3 | 198.1 | 278.5 | 228.7 |
| SEP | 186.6 | 177.2 | 205.0 | 198.9 | 178.6 | 176.7 | 296.1 | 293.0 |
| OCT | 169.5 | 158.2 | 250.6 | 234.3 | 304.1 | 284.3 | 315.4 | 294.9 |
| NOV | 267.4 | 230.3 | 234.8 | 199.5 | 213.9R | 180.8R | 324.7 | 279.1 |
| DEC | 181.8 | 212.1 | 309.9 | 352.5 | 177.9 | 200.3 | | |

## CHART VIII CONSTRUCTION CONTRACT INDICATORS

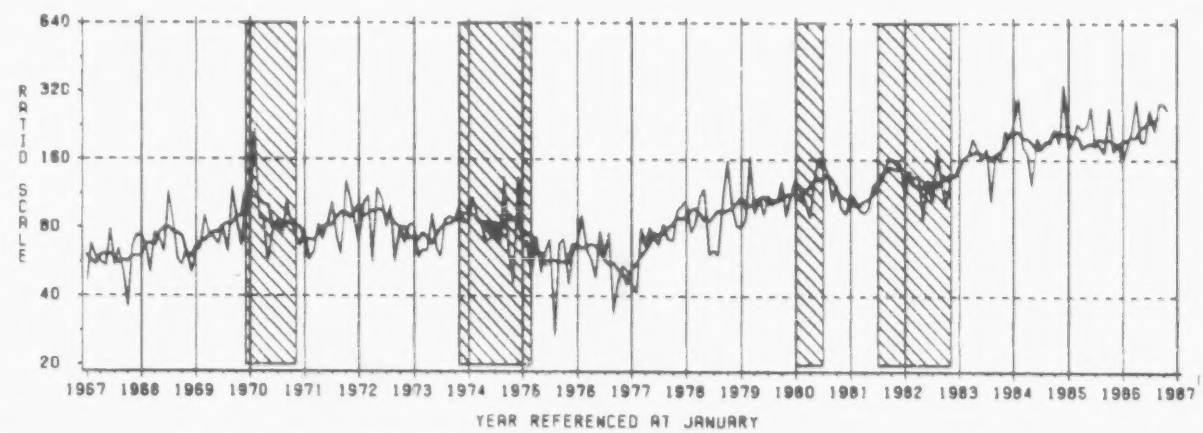
22. TOTAL CONSTRUCTION CONTRACTS AWARDED ($000,000) SIX-MONTH MOVING AVERAGE




23. RESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000) SIX-MONTH MOVING AVERAGE




24. NONRESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000) SIX-MONTH MOVING AVERAGE



## TABLE IX RESIDENTIAL BUILDING PERMITS INDICATORS

### 25. TOTAL DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (NUMBER)

| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 1120 | 2221 | 1322 | 2377 | 2433 | 3996 | 2558 | 4346 |
| FEB | 2240 | 4062 | 1607 | 2718 | 1865 | 3315 | 1816 | 3335 |
| MAR | 1824 | 2001 | 2277 | 2755 | 2937 | 3646 | 3098 | 3848 |
| APR | 2341 | 2631 | 1998 | 2101 | 3931 | 4063 | 4818 | 4764 |
| MAY | 2690 | 2566 | 3959 | 3420 | 4263 | 3753 | 4603 | 4274 |
| JUN | 2805 | 2230 | 2983 | 2735 | 3260 | 2958 | 4474 | 4016 |
| JUL | 3512 | 3075 | 2941 | 2425 | 4138 | 3327 | 3998 | 3064 |
| AUG | 3583 | 2886 | 2907 | 2269 | 4373 | 3577 | 3901 | 3275 |
| SEP | 3317 | 2943 | 2744 | 2586 | 3146 | 2928 | 4778 | 4398 |
| OCT | 2941 | 2419 | 2838 | 2286 | 3932 | 3118 | 4073 | 3341 |
| NOV | 2480 | 2410 | 4263 | 4210 | 3375 | 3506 | | |
| DEC | 2944 | 2893 | 2443 | 2458 | 5132 | 4926 | | |

### 26. SINGLE-FAMILY DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (NUMBER)

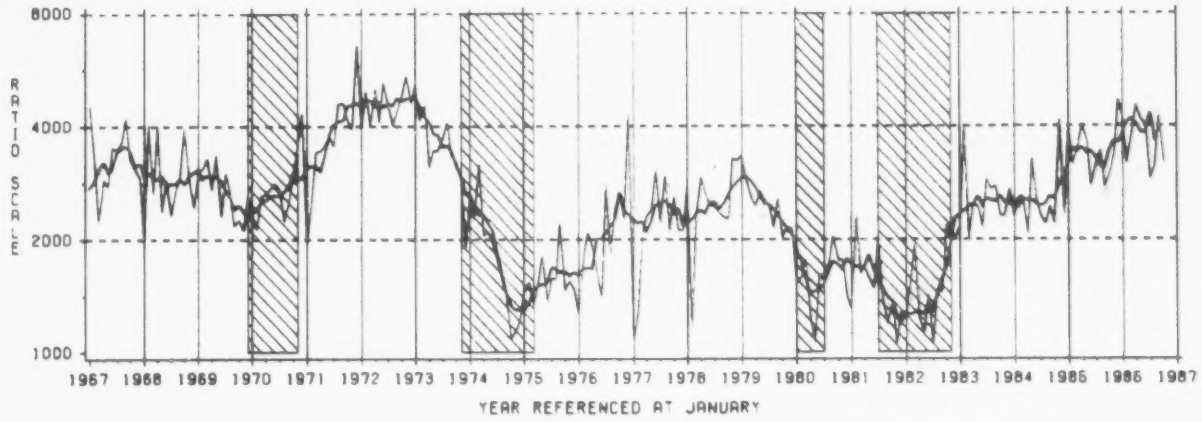
| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 842 | 1536 | 827 | 1505 | 1665 | 2847 | 2147 | 3780 |
| FEB | 642 | 1265 | 1005 | 1912 | 1345 | 2588 | 1414 | 2721 |
| MAR | 1360 | 1458 | 1604 | 1734 | 1920 | 2288 | 2222 | 2555 |
| APR | 1679 | 1576 | 1610 | 1579 | 2715 | 2475 | 3989 | 3765 |
| MAY | 1851 | 1661 | 2053 | 1706 | 3007 | 2552 | 3066 | 2546 |
| JUN | 1954 | 1677 | 2267 | 1990 | 2283 | 2100 | 3482 | 3161 |
| JUL | 1981 | 1852 | 2213 | 1965 | 2682 | 2259 | 2858 | 2381 |
| AUG | 2177 | 1743 | 2282 | 1850 | 3219 | 2541 | 2885 | 2510 |
| SEP | 2158 | 1837 | 2060 | 1938 | 2112 | 1975 | 2907 | 2504 |
| OCT | 1907 | 1720 | 2165 | 1861 | 2861 | 2447 | 3202 | 2820 |
| NOV | 1539 | 1448 | 2246 | 2084 | 2679 | 2557 | | |
| DEC | 1876 | 1862 | 1761 | 1855 | 2631 | 2748 | | |

### 27. MULTI-FAMILY (5 OR MORE) DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (NUMBER)*

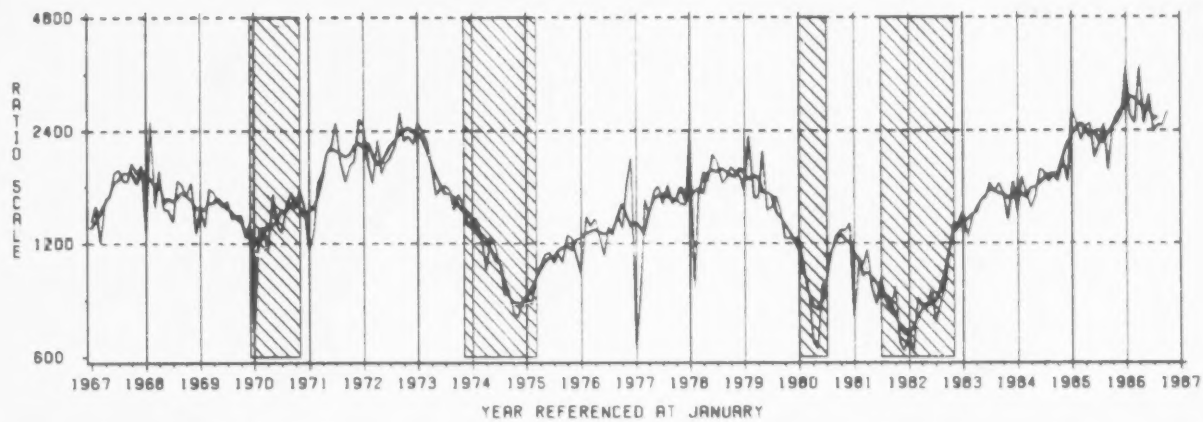
| DATE | 1983 | 1984 | 1985 | 1986 |
|---|---|---|---|---|
| | UNADJUSTED | *DATA NOT SUITABLE FOR SEASONAL ADJUSTMENT UNADJUSTED | UNADJUSTED | UNADJUSTED |
| JAN | 178 | 374 | 519 | 251 |
| FEB | 1550 | 421 | 371 | 279 |
| MAR | 280 | 455 | 739 | 696 |
| APR | 494 | 266 | 707 | 519 |
| MAY | 640 | 1794 | 1024 | 1273 |
| JUN | 565 | 533 | 796 | 764 |
| JUL | 1395 | 602 | 1298 | 883 |
| AUG | 1224 | 509 | 978 | 861 |
| SEP | 986 | 558 | 888 | 1688 |
| OCT | 893 | 478 | 867 | 662 |
| NOV | 759 | 1900 | 583 | |
| DEC | 904 | 520 | 2325 | |

## CHART IX RESIDENTIAL BUILDING PERMITS INDICATORS

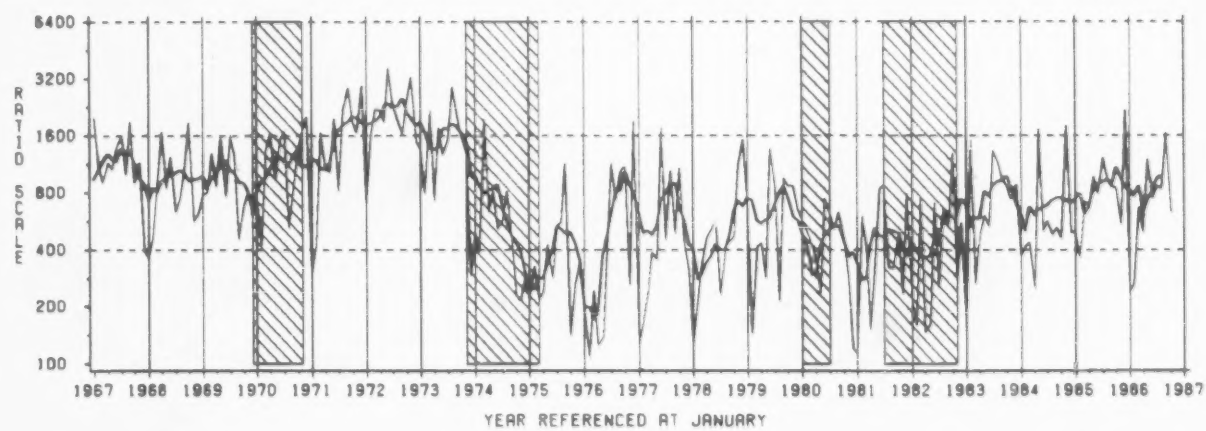
25. TOTAL DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (SIX-MONTH MOVING AVERAGE)




26. SINGLE-FAMILY DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (FIVE-MONTH MOVING AVERAGE)




27. MULTI-(5+)FAMILY DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (SIX-MONTH MOVING AVERAGE)



## TABLE X TRADE INDICATORS

### 28. SALES OF RETAIL STORES ($000,000)

| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 2,964 | 3,258 | 3,282 | 3,635 | 3,469 | 3,781 | 3,868 | 4,163 |
| FEB | 2,729 | 3,127 | 3,284 | 3,654 | 3,286 | 3,797 | 3,499 | 4,043 |
| MAR | 3,231 | 3,299 | 3,511 | 3,540 | 3,710 | 3,822 | 4,052 | 4,208 |
| APR | 3,197 | 3,242 | 3,575 | 3,737 | 3,879 | 3,989 | 4,202 | 4,335 |
| MAY | 3,354 | 3,347 | 3,788 | 3,705 | 4,171 | 4,019 | 4,672 | 4,488 |
| JUN | 3,470 | 3,466 | 3,798 | 3,728 | 4,066 | 4,105 | 4,438 | 4,480 |
| JUL | 3,353 | 3,438 | 3,578 | 3,714 | 4,044 | 4,113 | 4,406 | 4,487 |
| AUG | 3,285 | 3,385 | 3,631 | 3,699 | 4,146 | 4,219 | 4,450 | 4,621R |
| SEP | 3,301 | 3,440 | 3,471 | 3,721 | 4,019 | 4,311 | 4,538R | 4,787R |
| OCT | 3,462 | 3,503 | 3,819 | 3,811 | 4,104 | 4,099 | 4,448P | 4,381P |
| NOV | 3,781 | 3,565 | 4,076 | 3,776 | 4,238 | 3,919 | | |
| DEC | 4,594 | 3,535 | 4,823 | 3,832 | 5,128 | 4,104 | | |

### 29. SALES OF RETAIL STORES IN 1967 DOLLARS ($000,000)

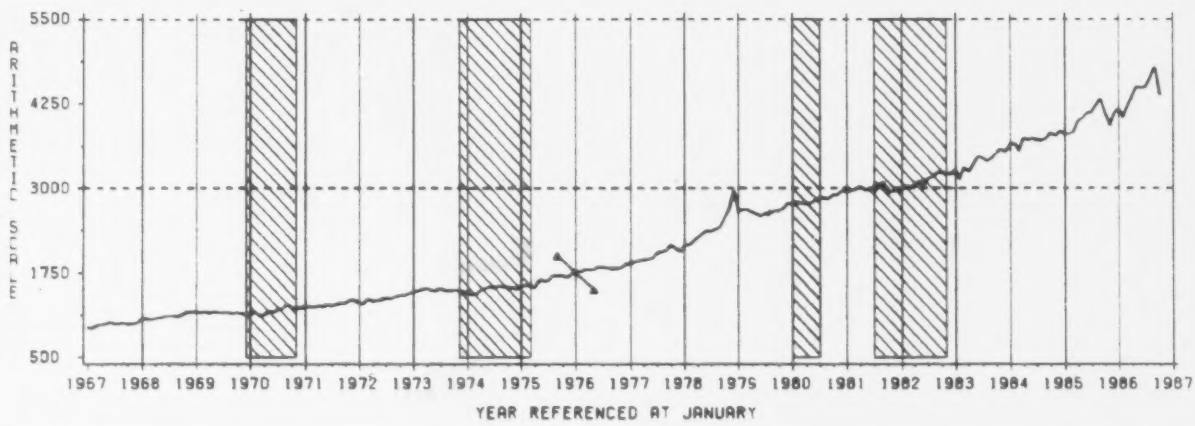
| DATE | 1983 | 1984 | 1985 | 1986 |
|---|---|---|---|---|
| | ADJUSTED | ADJUSTED | ADJUSTED | ADJUSTED |
| JAN | 1,246 | 1,356 | 1,371 | 1,465 |
| FEB | 1,196 | 1,339 | 1,366 | 1,436 |
| MAR | 1,261 | 1,298 | 1,371 | 1,508 |
| APR | 1,231 | 1,370 | 1,427 | 1,571 |
| MAY | 1,270 | 1,360 | 1,438 | 1,627 |
| JUN | 1,311 | 1,366 | 1,474 | 1,623 |
| JUL | 1,296 | 1,359 | 1,476 | 1,620 |
| AUG | 1,269 | 1,346 | 1,510 | 1,666R |
| SEP | 1,280 | 1,351 | 1,536 | 1,716R |
| OCT | 1,304 | 1,385 | 1,455 | 1,567P |
| NOV | 1,327 | 1,374 | 1,386 | |
| DEC | 1,317 | 1,395 | 1,447 | |

### 30. NEW PASSENGER CAR REGISTRATIONS (NUMBER)

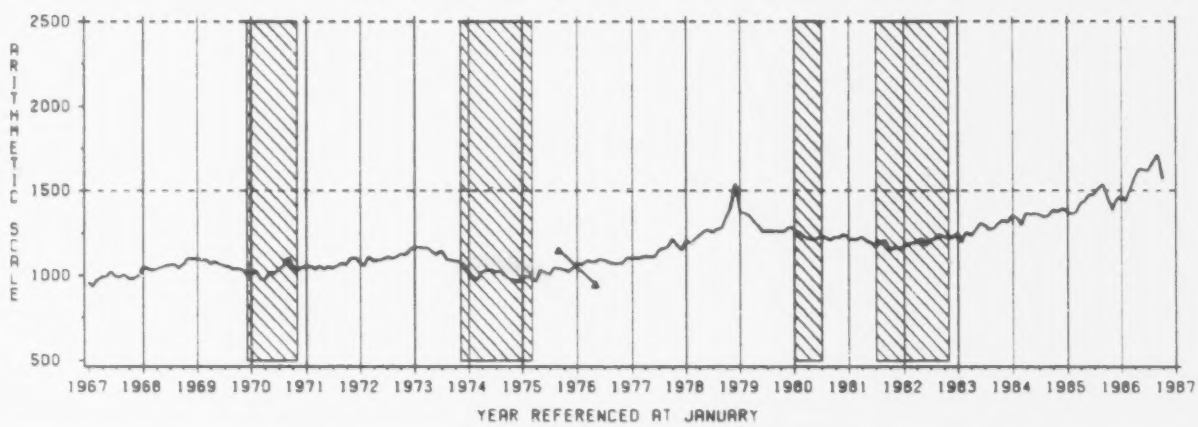
| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 27,399 | 26,646 | 38,462 | 37,400 | 47,537 | 44,563 | | |
| FEB | 19,571 | 21,787 | 48,843 | 53,070 | 36,488 | 40,461 | | |
| MAR | 26,413 | 22,974 | 49,367 | 42,154 | 46,525 | 44,762 | | |
| APR | 21,768 | 22,120 | 44,202 | 46,228 | 44,610 | 42,961 | | |
| MAY | 26,245 | 26,379 | 44,211 | 42,807 | 50,938 | 49,104 | | |
| JUN | 23,107 | 20,878 | 41,606 | 37,928 | | | | |
| JUL | 26,548 | 27,632 | 40,425 | 39,730 | | | | |
| AUG | 47,600 | 41,599 | 44,382 | 40,251 | | | | |
| SEP | 37,626 | 38,704 | 33,188 | 38,222 | | | | |
| OCT | 36,959 | 35,736 | 57,282 | 51,919 | | | | |
| NOV | 29,026 | 37,997 | 32,245 | 40,177 | | | | |
| DEC | 32,437 | 33,921 | 26,952 | 29,774 | | | | |

## CHART X TRADE INDICATORS

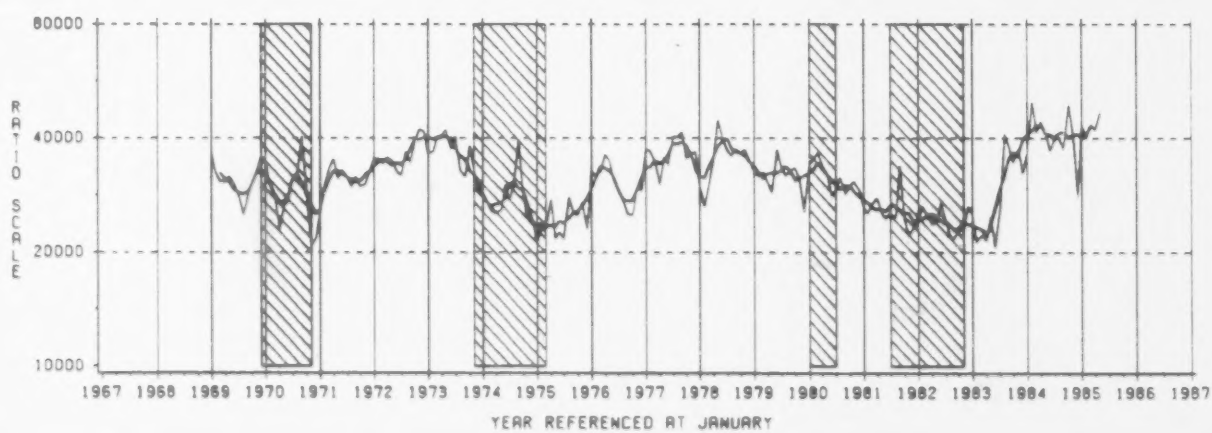
28. SALES OF RETAIL STORES ($000,000)




29. SALES OF RETAIL STORES IN 1967 DOLLARS ($000,000)




30. NEW PASSENGER CAR REGISTRATIONS (NUMBER) FIVE-MONTH MOVING AVERAGE



## TABLE XI UNEMPLOYMENT INSURANCE CLAIMANTS INDICATORS - I

### 31. WEEKS CLAIMED (WKLY AVG.) & INSURED UNEMPLOYMENT RATE (IUR%)

| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | WKLY AVG. ADJ. | IUR ADJ. | WKLY AVG. ADJ. | IUR ADJ. | WKLY AVG. ADJ. | IUR ADJ. | WKLY AVG. ADJ. | IUR ADJ. |
| JAN | 130.7 | 4.4 | 93.0 | 3.2 | 88.1 | 2.8 | 92.3 | 2.9 |
| FEB | 131.0 | 4.5 | 91.4 | 3.1 | 91.8 | 3.0 | 84.8 | 2.6 |
| MAR | 126.7 | 4.3 | 91.5 | 3.1 | 92.6 | 3.0 | 85.7 | 2.7 |
| APR | 122.5 | 4.2 | 92.2 | 3.1 | 92.9 | 3.0 | 84.3 | 2.6 |
| MAY | 117.1 | 4.0 | 94.7 | 3.2 | 94.1 | 3.0 | 86.9 | 2.7 |
| JUN | 114.8 | 3.9 | 93.7 | 3.2 | 95.0 | 3.0 | 88.7 | 2.7 |
| JUL | 107.9 | 3.7 | 94.5 | 3.1 | 97.3 | 3.1 | 89.5 | 2.8 |
| AUG | 105.4 | 3.6 | 96.2 | 3.2 | 95.3 | 3.0 | 89.2 | 2.7 |
| SEP | 103.2 | 3.5 | 97.7 | 3.2 | 96.6 | 3.0 | 87.3 | 2.7 |
| OCT | 99.9 | 3.4 | 95.8 | 3.1 | 95.4 | 3.0 | 82.0 | 2.5 |
| NOV | 98.3 | 3.4 | 94.6 | 3.1 | 92.5 | 2.9 | 76.9 | 2.4 |
| DEC | 94.1 | 3.2 | 88.1 | 2.9 | 88.4 | 2.8 | | |

### 32. INITIAL CLAIMS WEEKLY AVERAGE (NUMBER)

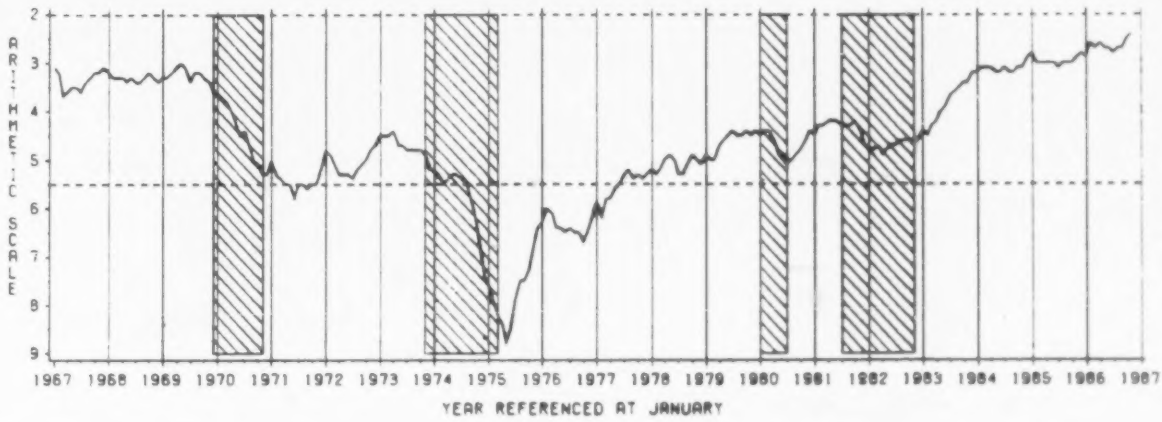
| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 20,107 | 14,343 | 16,791 | 11,855 | 16,947 | 12,413 | 15,072 | 11,183 |
| FEB | 14,453 | 14,233 | 11,909 | 11,435 | 11,495 | 11,257 | 10,039 | 9,831 |
| MAR | 13,090 | 14,975 | 9,939 | 11,294 | 9,755 | 10,999 | 9,399 | 10,180 |
| APR | 11,824 | 13,469 | 10,785 | 11,461 | 10,634 | 11,431 | 8,743 | 9,949 |
| MAY | 10,904 | 13,176 | 10,042 | 12,960 | 8,441 | 10,785 | 7,797 | 10,057 |
| JUN | 13,266 | 12,957 | 11,472 | 11,358 | 10,794 | 10,664 | 9,206 | 8,516 |
| JUL | 12,607 | 11,921 | 11,571 | 10,427 | 11,656 | 10,722 | 10,924 | 10,498 |
| AUG | 9,866 | 11,942 | 9,528 | 11,882 | 8,279 | 10,372 | 7,615 | 9,490 |
| SEP | 9,294 | 11,636 | 8,476 | 10,788 | 9,247 | 11,053 | 7,213 | 8,745 |
| OCT | 10,945 | 11,769 | 10,193 | 10,980 | 8,990 | 10,112 | 7,530 | 8,365 |
| NOV | 12,019 | 12,366 | 10,965 | 10,966 | 9,302 | 9,496 | 7,732 | 7,876 |
| DEC | 16,320 | 12,054 | 14,685 | 10,391 | 13,974 | 9,812 | | |

### 33. UNEMPLOYMENT INSURANCE EXHAUSTIONS (NUMBER)

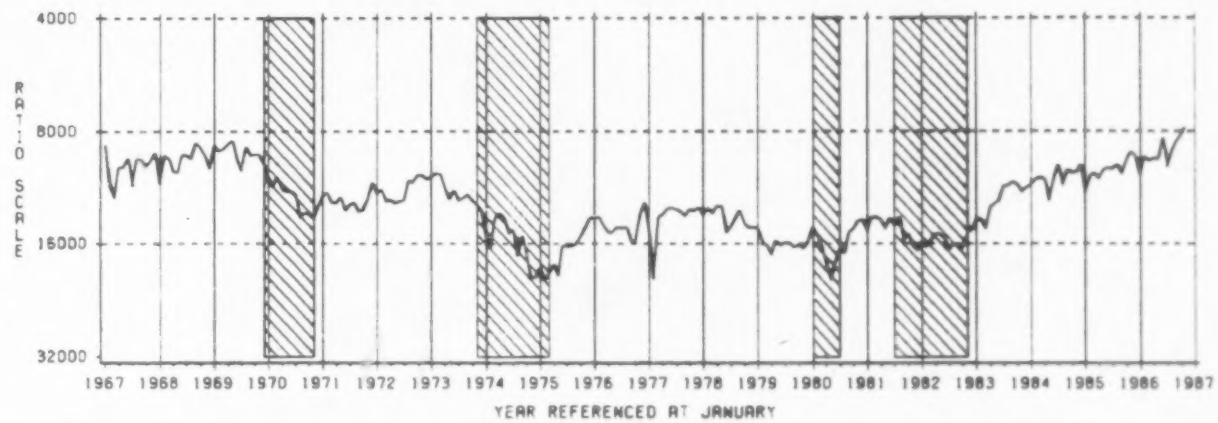
| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 17,382 | 16,826 | 12,645 | 12,226 | 10,971 | 10,632 | 9,627 | 9,293 |
| FEB | 16,413 | 16,207 | 13,036 | 12,893 | 9,945 | 10,249 | 9,267 | 9,552 |
| MAR | 21,555 | 17,350 | 13,805 | 11,197 | 11,160 | 8,573 | 13,766 | 10,603 |
| APR | 18,134 | 15,410 | 13,791 | 11,880 | 12,202 | 10,293 | 10,990 | 9,276 |
| MAY | 16,484 | 15,122 | 14,499 | 13,244 | 10,672 | 9,731 | 9,445 | 8,614 |
| JUN | 14,477 | 15,465 | 11,442 | 12,282 | 8,726 | 9,277 | 8,074 | 8,629 |
| JUL | 12,986 | 13,199 | 12,386 | 12,518 | 10,328 | 10,064 | 8,951 | 8,645 |
| AUG | 12,823 | 14,037 | 10,994 | 11,965 | 8,683 | 9,527 | 7,174 | 7,889 |
| SEP | 10,899 | 13,086 | 9,013 | 10,906 | 7,783 | 9,270 | 7,284 | 8,676 |
| OCT | 9,792 | 11,325 | 10,521 | 12,134 | 8,647 | 10,240 | 7,560 | 9,000 |
| NOV | 10,264 | 11,695 | 10,524 | 11,944 | 7,442 | 8,663 | 6,324 | 7,361 |
| DEC | 11,217 | 10,662 | 13,149 | 12,429 | 9,167 | 9,260 | | |

## CHART XI UNEMPLOYMENT INSURANCE CLAIMANT INDICATORS – I

31. INSURED UNEMPLOYMENT RATE (%) – INVERTED SCALE




32. INITIAL CLAIMS – WEEKLY AVERAGE (NUMBER) – INVERTED SCALE




33. UNEMPLOYMENT INSURANCE EXHAUSTIONS (NUMBER) – INVERTED SCALE

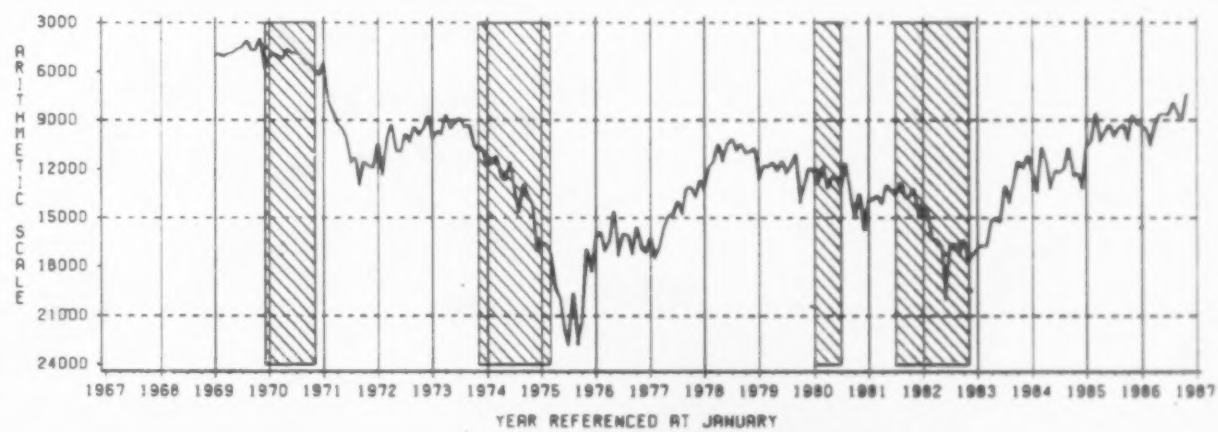


TABLE XII UNEMPLOYMENT INSURANCE CLAIMANTS INDICATORS - II

34. INSURED UNEMPLOYMENT IN MANUFACTURING (000)

| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 62.7 | 51.4 | 37.9 | 31.1 | 39.3 | 32.1 | 40.6 | 33.6 |
| FEB | 59.7 | 50.5 | 39.2 | 32.3 | 41.9 | 34.6 | 37.0 | 31.4 |
| MAR | 52.2 | 46.3 | 35.9 | 31.1 | 42.1 | 36.7 | 36.3 | 32.6 |
| APR | 46.5 | 43.5 | 32.8 | 30.0 | 40.8 | 37.6 | 31.7 | 29.9 |
| MAY | 43.8 | 43.7 | 33.9 | 33.5 | 36.0 | 35.6 | 29.6 | 30.1 |
| JUN | 39.2 | 42.2 | 29.1 | 31.5 | 33.8 | 36.3 | 28.8 | 31.2 |
| JUL | 37.0 | 39.1 | 31.7 | 33.9 | 36.2 | 38.5 | 32.6 | 33.8 |
| AUG | 33.1 | 37.6 | 31.9 | 36.7 | 30.7 | 35.4 | 28.8 | 32.5 |
| SEP | 27.0 | 32.5 | 30.0 | 36.4 | 28.9 | 35.1 | 24.9 | 29.5 |
| OCT | 27.5 | 31.5 | 32.8 | 38.6 | 33.3 | 36.6 | 23.4 | 26.5 |
| NOV | 28.9 | 32.6 | 28.5 | 33.3 | 33.2 | 37.0 | 23.9 | 27.2 |
| DEC | 34.7 | 33.4 | 36.6 | 35.1 | 37.9 | 36.8 | | |

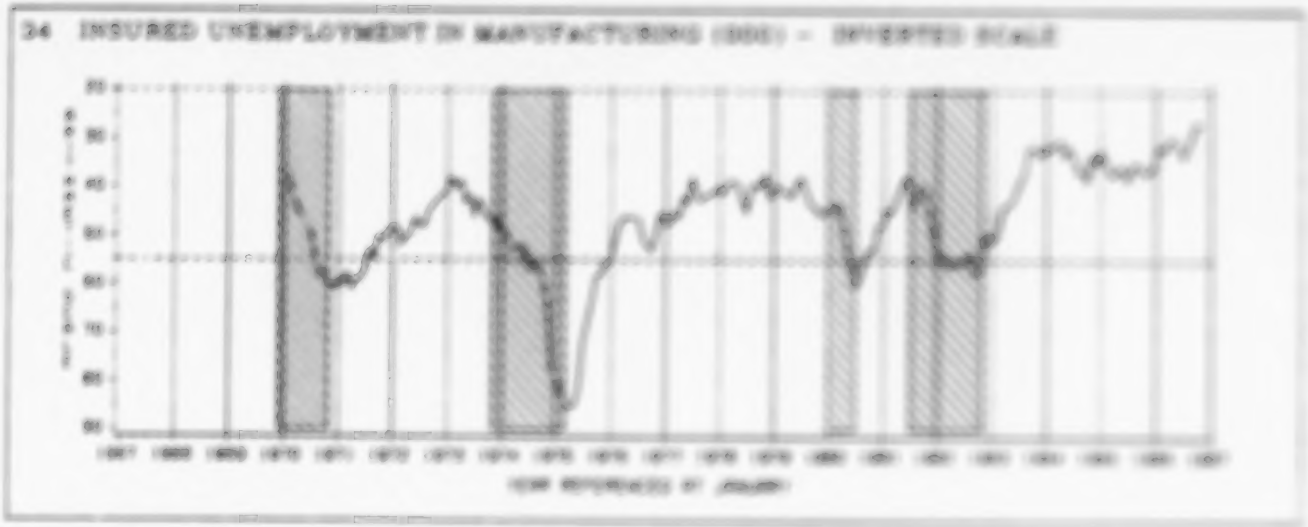
35. INSURED UNEMPLOYMENT IN CONSTRUCTION (000)

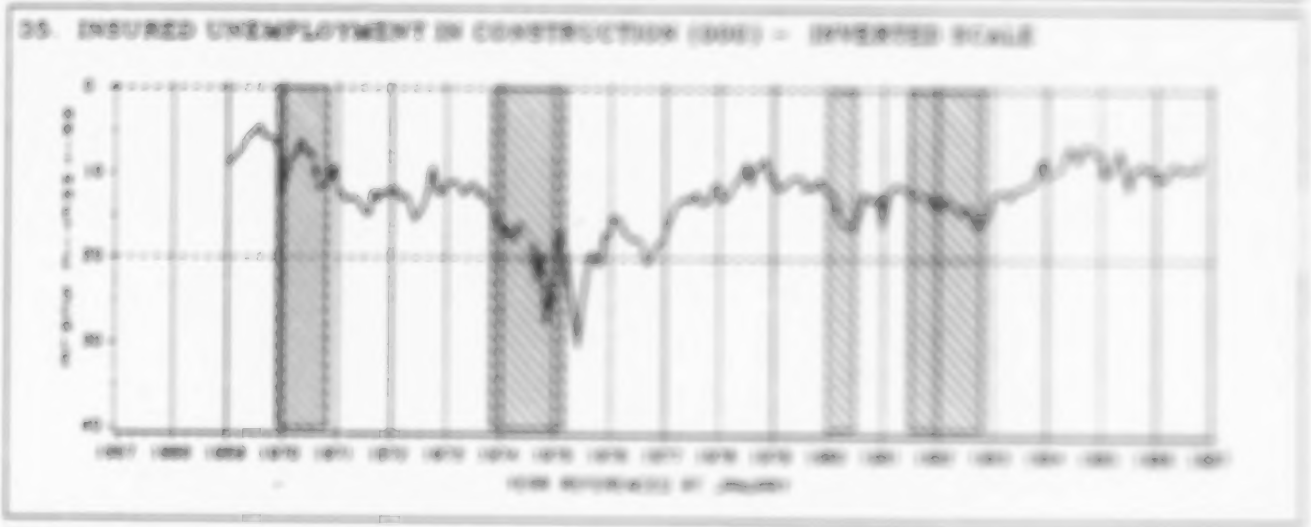
| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 16.9 | 12.9 | 13.5 | 10.4 | 9.6 | 7.4 | 14.0 | 10.8 |
| FEB | 24.3 | 12.4 | 19.2 | 9.8 | 19.9 | 10.2 | 19.6 | 10.0 |
| MAR | 23.5 | 12.1 | 19.0 | 9.6 | 19.1 | 9.6 | 20.9 | 10.5 |
| APR | 17.4 | 12.0 | 13.6 | 9.4 | 12.8 | 8.8 | 13.5 | 9.3 |
| MAY | 13.5 | 12.8 | 8.6 | 8.2 | 7.3 | 7.0 | 9.2 | 8.7 |
| JUN | 9.1 | 11.9 | 5.1 | 6.6 | 7.1 | 9.3 | 6.9 | 9.1 |
| JUL | 7.2 | 11.6 | 4.5 | 7.4 | 7.1 | 11.8 | 5.7 | 9.5 |
| AUG | 6.0 | 11.4 | 4.4 | 8.5 | 4.9 | 9.4 | 4.7 | 9.1 |
| SEP | 5.9 | 11.3 | 3.6 | 6.9 | 4.8 | 9.3 | 4.8 | 9.2 |
| OCT | 5.5 | 11.1 | 3.2 | 6.5 | 4.1 | 8.6 | 4.5 | 9.4 |
| NOV | 5.6 | 10.1 | 3.9 | 7.0 | 5.3 | 9.5 | 4.4 | 7.8 |
| DEC | 6.5 | 8.2 | 6.2 | 7.7 | 7.4 | 9.2 | | |

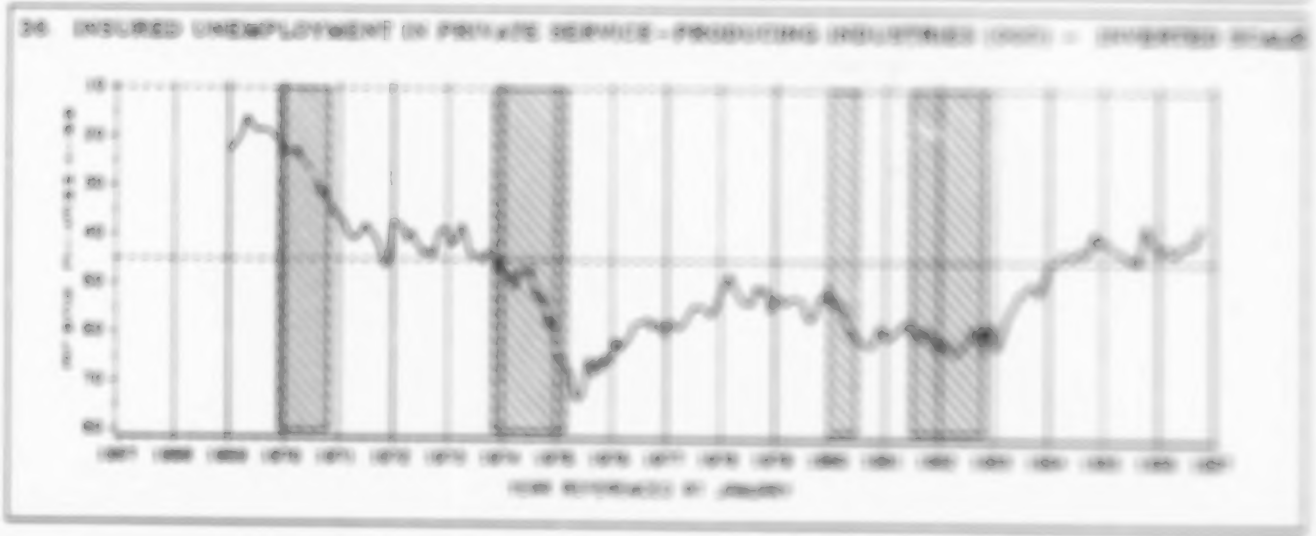
36. INSURED UNEMPLOYMENT IN PRIVATE SERVICE-PRODUCING INDUSTRIES (000)

| DATE | 1983 | | 1984 | | 1985 | | 1986 | |
|---|---|---|---|---|---|---|---|---|
| | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. | UNADJ. | ADJ. |
| JAN | 68.4 | 61.4 | 50.5 | 45.6 | 44.7 | 40.4 | 48.5 | 44.0 |
| FEB | 70.3 | 62.7 | 50.8 | 45.5 | 45.8 | 40.9 | 47.3 | 42.4 |
| MAR | 63.9 | 59.4 | 48.6 | 45.0 | 45.7 | 42.2 | 44.8 | 41.5 |
| APR | 54.8 | 56.6 | 41.8 | 43.2 | 41.5 | 43.0 | 42.0 | 43.6 |
| MAY | 49.2 | 54.6 | 38.7 | 43.3 | 38.1 | 43.0 | 38.3 | 43.3 |
| JUN | 47.8 | 53.3 | 39.6 | 44.1 | 39.1 | 43.6 | 37.6 | 42.1 |
| JUL | 53.0 | 51.3 | 45.4 | 43.9 | 46.0 | 44.4 | 42.9 | 41.5 |
| AUG | 53.6 | 51.1 | 44.3 | 42.2 | 46.1 | 44.0 | 43.3 | 41.4 |
| SEP | 45.7 | 49.5 | 40.5 | 43.7 | 42.1 | 45.3 | 38.4 | 41.3 |
| OCT | 45.0 | 50.1 | 38.7 | 43.0 | 33.6 | 37.4 | 34.3 | 38.2 |
| NOV | 50.1 | 51.8 | 37.9 | 38.8 | 38.7 | 40.3 | 36.5 | 37.7 |
| DEC | 51.9 | 49.2 | 44.1 | 41.2 | 43.0 | 40.8 | | |

## CHART XII UNEMPLOYMENT INSURANCE CLAIMANT INDICATORS -II







# NONFARM PAYROLL EMPLOYMENT IN NEW JERSEY

(THOUSANDS)

| | 1985 NOV | DEC | 1986 JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEASONALLY ADJUSTED | | | | | | | | | | | | | |
| TOTAL NONFARM | 3456.8 | 3446.3 | 3477.7 | 3493.7 | 3506.5 | 3510.0 | 3509.2 | 3506.2 | 3506.6 | 3510.0 | 3531.8 | 3555.0 | 3570.8 |
| PRIVATE SECTOR | 2915.0 | 2925.2 | 2940.5 | 2951.8 | 2961.7 | 2962.7 | 2963.7 | 2960.6 | 2966.0 | 2969.1 | 2983.6 | 3004.8 | 3020.0 |
| GOODS PRODUCING | 859.1 | 862.9 | 871.6 | 872.8 | 870.7 | 869.7 | 866.0 | 865.1 | 862.3 | 859.9 | 864.3 | 868.5 | 869.3 |
| PRIVATE SERVICE PROD. | 2055.9 | 2062.3 | 2066.9 | 2079.0 | 2091.0 | 2093.3 | 2097.7 | 2095.5 | 2103.7 | 2109.2 | 2119.3 | 2136.3 | 2150.7 |
| PUBLIC SECTOR | 541.8 | 541.1 | 537.2 | 541.9 | 544.8 | 547.3 | 545.5 | 545.6 | 540.6 | 540.9 | 548.2 | 550.2 | 550.8 |
| NOT SEASONALLY ADJUSTED | | | | | | | | | | | | | |
| TOTAL NONFARM | 3468.2 | 3472.0 | 3405.2 | 3408.0 | 3443.5 | 3486.6 | 3517.0 | 3564.2 | 3563.8 | 3564.3 | 3553.7 | 3573.4 | 3582.9 |
| TOTAL GOODS PRODUCING | 849.6 | 864.2 | 845.2 | 843.0 | 850.8 | 861.1 | 866.6 | 877.4 | 871.0 | 876.0 | 881.6 | 884.8 | 880.2 |
| MINING | 2.3 | 2.2 | 2.1 | 2.1 | 2.2 | 2.4 | 2.4 | 2.5 | 2.5 | 2.5 | 2.5 | 2.4 | 2.4 |
| CONSTRUCTION | 146.8 | 145.9 | 129.7 | 124.4 | 131.3 | 141.5 | 146.7 | 152.7 | 156.2 | 158.3 | 158.2 | 159.9 | 157.9 |
| MANUFACTURING | 720.5 | 716.1 | 713.4 | 716.5 | 717.3 | 717.2 | 717.5 | 722.2 | 712.3 | 715.2 | 720.9 | 722.5 | 719.9 |
| DURABLE GOODS | 341.9 | 339.8 | 340.4 | 340.6 | 341.5 | 341.4 | 339.9 | 340.3 | 336.7 | 334.8 | 339.1 | 341.0 | 339.8 |
| LUMBER & WOOD PRODUCTS | 7.0 | 7.0 | 6.8 | 6.8 | 6.9 | 7.0 | 7.0 | 7.2 | 7.2 | 7.1 | 7.2 | 7.3 | 7.1 |
| FURNITURE & FIXTURES | 13.- | 13.5 | 13.5 | 13.4 | 13.6 | 13.6 | 13.8 | 13.7 | 13.4 | 13.7 | 13.8 | 13.9 | 14.1 |
| STONE,CLAY,GLASS PRODUCTS | 26. | 26.2 | 26.2 | 26.5 | 26.5 | 26.8 | 26.9 | 27.0 | 26.8 | 26.8 | 27.3 | 27.5 | 27.1 |
| GLASS & GL./PRESSED,BLOWN | 8. | 8.3 | 8.3 | 8.5 | 8.5 | 8.5 | 8.7 | 8.8 | 8.9 | 8.8 | 8.8 | 8.9 | 8.7 |
| POTTERY & REL. PROD. | 3.- | 3.5 | 3.5 | 3.5 | 3.5 | 3.6 | 3.5 | 3.5 | 3.5 | 3.5 | 3.6 | 3.7 | 3.7 |
| PRIMARY METALS INDUSTRIES | 20.9 | 20.9 | 21.1 | 21.0 | 21.2 | 21.2 | 21.1 | 21.0 | 20.4 | 19.7 | 20.4 | 20.3 | 19.9 |
| BLAST FURN. & BASIC STEEL | 3.7 | 3.6 | 3.6 | 3.6 | 3.6 | 3.5 | 3.5 | 3.5 | 3.5 | 3.4 | 3.4 | 3.4 | 3.4 |
| IRON & STEEL FOUNDRIES | 3.4 | 3.4 | 3.5 | 3.5 | 3.4 | 3.4 | 3.5 | 3.5 | 3.4 | 3.2 | 3.5 | 3.6 | 3.7 |
| PRIMARY & SEC. NONFER. | 1.7 | 1.7 | 1.7 | 1.6 | 1.7 | 1.7 | 1.6 | 1.6 | 1.5 | 1.5 | 1.5 | 1.3 | 1.1 |
| NONFER. ROLL. & DRAWING | 7.8 | 7.8 | 7.9 | 7.9 | 8.0 | 8.1 | 8.0 | 8.0 | 7.9 | 7.8 | 7.8 | 7.8 | 7.7 |
| FAB. METALS, INCL. ORD. | 50.7 | 49.8 | 49.2 | 48.9 | 48.6 | 48.3 | 48.3 | 48.6 | 47.8 | 47.7 | 48.7 | 49.2 | 49.4 |
| METAL CANS | 4.7 | 3.9 | 3.8 | 3.9 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.9 | 3.8 |
| CUTLERY, TOOLS & HARDWARE | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.0 | 6.0 | 5.9 | 5.7 | 5.6 | 5.8 | 5.9 | 6.0 |
| FAB. STRUCT. METAL PROD. | 12.8 | 12.8 | 12.7 | 12.6 | 12.3 | 12.3 | 12.3 | 12.6 | 12.4 | 12.6 | 12.5 | 12.6 | 12.5 |
| METAL STAMPINGS | 6.0 | 6.0 | 5.8 | 5.8 | 5.8 | 5.7 | 5.6 | 5.6 | 5.5 | 5.5 | 5.7 | 5.7 | 5.7 |
| MACHINERY, EXCEPT ELEC. | 59.3 | 59.3 | 59.9 | 60.1 | 60.3 | 60.2 | 60.0 | 59.1 | 58.6 | 58.0 | 58.2 | 57.9 | 57.8 |
| CONSTRUCTION & REL.MACH. | 3.4 | 3.3 | 3.4 | 3.4 | 3.4 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| METALWORKING MACHINERY | 7.7 | 7.6 | 7.7 | 7.7 | 7.7 | 7.6 | 7.6 | 7.5 | 7.2 | 7.1 | 7.1 | 7.1 | 7.0 |
| SPECIAL INDUSTRY MACH. | 7.5 | 7.5 | 7.6 | 7.5 | 7.6 | 7.5 | 7.5 | 7.5 | 7.5 | 7.4 | 7.3 | 7.2 | 7.2 |
| GENERAL INDUSTRY MACH. | 13.3 | 13.3 | 13.5 | 13.4 | 13.4 | 13.4 | 13.4 | 13.3 | 13.2 | 12.9 | 12.9 | 12.9 | 12.6 |
| SERVICE INDUSTRY MACH. | 6.5 | 6.5 | 6.6 | 6.9 | 6.9 | 7.0 | 6.9 | 6.6 | 6.6 | 6.5 | 6.6 | 6.7 | 7.1 |
| ELECTRICAL EQUIP. & SUPP. | 96.3 | 96.2 | 96.4 | 96.3 | 96.1 | 95.9 | 95.4 | 95.6 | 95.1 | 94.4 | 94.6 | 95.6 | 95.7 |
| ELEC. TEST & DIST. EQUIP. | 4.8 | 4.8 | 4.8 | 4.7 | 4.7 | 4.7 | 4.5 | 4.5 | 4.4 | 4.5 | 4.5 | 4.6 | 4.6 |
| ELECTRICAL IND. APPARATUS | 2.8 | 2.7 | 2.8 | 2.8 | 2.8 | 2.8 | 2.7 | 2.7 | 2.6 | 2.4 | 2.4 | 2.4 | 2.4 |
| ELEC. LIGHT. & WIRING | 11.1 | 11.1 | 11.3 | 11.3 | 11.3 | 11.5 | 11.2 | 11.2 | 11.3 | 11.3 | 11.5 | 11.5 | 11.6 |
| RADIO & TV REC. EQUIPMENT | 4.0 | 4.0 | 4.0 | 4.0 | 3.8 | 3.7 | 3.6 | 3.6 | 3.5 | 3.5 | 3.6 | 3.6 | 3.7 |
| COMMUNICATION EQUIPMENT | 46.5 | 46.6 | 46.7 | 46.7 | 46.7 | 46.5 | 46.7 | 47.3 | 47.8 | 47.7 | 47.5 | 48.0 | 47.9 |
| ELECTRON. COMP. & ACCESS. | 20.4 | 20.4 | 20.2 | 20.2 | 20.2 | 20.2 | 20.1 | 19.8 | 19.2 | 19.0 | 18.9 | 19.1 | 19.2 |
| TRANSPORTATION EQUIPMENT | 12.4 | 12.1 | 12.5 | 12.6 | 12.9 | 13.1 | 12.8 | 12.8 | 13.0 | 12.6 | 13.4 | 13.7 | 13.8 |
| MOTOR VEHICLES | 6.7 | 6.4 | 6.8 | 7.0 | 7.3 | 7.5 | 7.4 | 7.4 | 7.5 | 7.4 | 8.2 | 8.5 | 8.7 |
| AIRCRAFT & PARTS | 3.0 | 2.9 | 3.0 | 2.9 | 3.0 | 2.9 | 2.9 | 2.9 | 3.0 | 2.9 | 2.9 | 2.9 | 2.9 |
| SHIP & BOAT BLDG. & REP. | 2.3 | 2.3 | 2.3 | 2.3 | 2.2 | 2.3 | 2.1 | 2.1 | 2.1 | 1.9 | 1.9 | 1.9 | 1.8 |
| INSTRUMENTS & REL. PROD. | 33.3 | 33.3 | 33.5 | 33.3 | 33.6 | 33.5 | 33.2 | 33.7 | 33.2 | 32.9 | 32.9 | 32.7 | 32.7 |
| ENGINEER. & SCIENT. INST. | 6.5 | 6.5 | 6.5 | 6.5 | 6.6 | 6.6 | 6.6 | 6.7 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 |
| MEASURING & CONTROL INST. | 7.3 | 7.4 | 7.5 | 7.5 | 7.6 | 7.5 | 7.3 | 7.3 | 7.3 | 7.1 | 7.0 | 7.0 | 6.8 |
| MISCELL. MFG. INDUSTRIES | 22.0 | 21.4 | 21.4 | 21.5 | 21.8 | 21.8 | 21.4 | 21.6 | 21.2 | 21.9 | 22.6 | 22.9 | 22.2 |
| TOYS,JEWELRY & SPORT. GDS. | 4.3 | 4.0 | 4.0 | 4.1 | 4.2 | 4.2 | 4.0 | 4.1 | 4.1 | 4.3 | 4.5 | 4.5 | 4.2 |
| NONDURABLE GOODS | 378.7 | 376.3 | 373.0 | 375.9 | 375.8 | 375.8 | 377.6 | 381.9 | 375.6 | 380.4 | 381.8 | 381.5 | 380.1 |
| FOOD & KINDRED PRODUCTS | 48.7 | 48.7 | 48.2 | 48.2 | 48.1 | 47.7 | 48.1 | 48.9 | 49.6 | 49.9 | 50.3 | 50.1 | 49.7 |
| CANNED, CURED & FROZEN | 10.7 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.6 | 10.6 | 10.8 | 11.1 | 11.5 | 11.4 | 11.5 |
| GRAIN MILL & BAKERY PROD. | 13.2 | 13.4 | 13.1 | 13.0 | 12.9 | 12.6 | 12.9 | 13.2 | 13.5 | 13.5 | 13.5 | 13.4 | 12.8 |
| BEVERAGES | 5.4 | 5.5 | 5.6 | 5.6 | 5.6 | 5.5 | 5.5 | 5.6 | 5.8 | 5.6 | 5.4 | 5.4 | 5.4 |
| TOBACCO MANUFACTURES | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| TEXTILE MILL PRODUCTS | 14.7 | 14.5 | 14.0 | 14.2 | 14.5 | 14.6 | 14.4 | 14.5 | 14.1 | 14.3 | 14.7 | 15.0 | 14.7 |
| BROAD WOVEN FABRIC MILLS | 1.3 | 1.3 | 1.2 | 1.2 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.2 | 1.2 | 1.2 |
| TEXTILE FIN., EXCEPT WOOL | 3.7 | 3.7 | 3.6 | 3.6 | 3.6 | 3.7 | 3.7 | 3.7 | 3.5 | 3.6 | 3.6 | 3.7 | 3.5 |

NOTE: NONFARM PAYROLL EMPLOYMENT INCLUDES CIVILIANS ON NONFARM ESTABLISHMENT PAYROLLS WHO WORKED OR RECEIVED PAY FOR ANY PART OF THE PAY PERIOD INCLUDING THE 12TH OF THE MONTH. IT EXCLUDES PROPRIETORS, SELF-EMPLOYED, UNPAID FAMILY WORKERS, AND DOMESTICS IN PRIVATE HOUSEHOLDS. DATA ARE ADJUSTED TO MARCH 1985 BENCHMARKS AND ARE NOT ADDITIVE.

# NONFARM PAYROLL EMPLOYMENT IN NEW JERSEY

(THOUSANDS)

| | 1985 NOV | DEC | 1986 JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| APPAREL & OTHER TEXTILE PROD | 48.5 | 46.7 | 44.7 | 46.3 | 46.3 | 46.7 | 48.5 | 49.8 | 46.8 | 49.7 | 50.3 | 50.9 | 49.9 |
| MEN'S & BOYS' SUITS & COATS | 2.3 | 2.2 | 2.1 | 2.2 | 2.2 | 2.2 | 2.2 | 2.3 | 2.0 | 2.2 | 2.3 | 2.3 | 2.3 |
| MEN'S & BOYS' FURNISHINGS | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.3 | 3.4 | 3.4 | 3.3 | 3.4 | 3.4 | 3.5 | 3.5 |
| WOMEN'S & MISSES' OUTERWEAR | 23.5 | 22.1 | 21.4 | 22.2 | 22.2 | 22.2 | 23.5 | 24.5 | 22.6 | 24.2 | 24.3 | 24.4 | 23.6 |
| WOMEN'S & CHILD UNDERGARM. | 4.4 | 4.3 | 4.3 | 4.3 | 4.2 | 4.2 | 4.1 | 4.1 | 3.9 | 4.0 | 4.1 | 4.3 | 4.2 |
| PAPER & ALLIED PRODUCTS | 30.6 | 30.6 | 30.4 | 30.6 | 30.5 | 30.6 | 30.5 | 30.7 | 29.7 | 30.0 | 30.2 | 30.1 | 30.3 |
| PAPER/P'B'R'D MILLS | 2.7 | 2.8 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| PAPERBOARD CONT. & BOXES | 11.0 | 10.9 | 10.9 | 11.0 | 11.1 | 11.2 | 11.2 | 11.2 | 10.6 | 10.9 | 11.1 | 11.0 | 11.1 |
| PRINTING AND PUBLISHING | 66.1 | 66.3 | 67.1 | 67.2 | 66.6 | 66.5 | 66.7 | 67.2 | 66.4 | 66.7 | 67.0 | 66.9 | 67.3 |
| NEWSPAPERS | 18.2 | 18.3 | 18.2 | 18.3 | 18.2 | 18.1 | 18.2 | 18.2 | 18.1 | 17.8 | 18.1 | 18.3 | 18.5 |
| COMMERCIAL PRINTING | 19.6 | 19.6 | 19.7 | 19.8 | 19.7 | 19.9 | 20.0 | 20.3 | 19.6 | 19.8 | 19.8 | 19.7 | 19.5 |
| CHEMICALS & ALLIED PRODUCTS | 119.5 | 119.6 | 118.8 | 119.9 | 119.8 | 119.5 | 119.3 | 120.4 | 120.1 | 120.0 | 119.1 | 118.2 | 117.9 |
| INDUSTRIAL INORGANIC CHEM. | 8.5 | 8.5 | 8.4 | 8.3 | 8.4 | 8.3 | 8.3 | 8.4 | 8.4 | 8.3 | 8.2 | 8.2 | 8.1 |
| PLASTIC MATERIALS/SYNTHETIC | 6.9 | 6.8 | 6.8 | 6.8 | 6.5 | 6.5 | 6.4 | 6.4 | 6.4 | 6.4 | 6.3 | 6.3 | 6.3 |
| DRUGS | 44.1 | 44.1 | 43.9 | 44.0 | 44.1 | 44.1 | 44.0 | 44.2 | 44.0 | 44.1 | 43.9 | 44.0 | 44.3 |
| SOAPS, CLEANERS & TOIL GOOD | 24.9 | 25.1 | 24.6 | 25.5 | 25.7 | 25.5 | 25.5 | 26.2 | 26.0 | 26.4 | 26.6 | 25.6 | 24.8 |
| PAINTS & ALLIED PROD. | 4.2 | 4.1 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.4 | 4.4 | 4.2 | 4.2 | 4.2 |
| INDUSTRIAL ORGANIC CHEMICAL | 20.7 | 20.7 | 20.7 | 20.9 | 20.7 | 20.7 | 20.7 | 20.8 | 20.8 | 20.8 | 20.5 | 20.5 | 20.5 |
| PETROLEUM & COAL PRODUCTS | 8.9 | 8.9 | 8.8 | 8.5 | 8.6 | 8.8 | 8.8 | 8.8 | 8.7 | 8.7 | 8.6 | 8.4 | 8.5 |
| PETROLEUM REFINING | 6.5 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 | 6.5 | 6.4 | 6.4 | 6.4 | 6.3 | 6.2 | 6.2 |
| RUBBER & MISC. PLASTIC PROD. | 37.0 | 36.6 | 36.6 | 36.4 | 36.8 | 36.8 | 36.7 | 37.0 | 36.0 | 36.6 | 37.0 | 37.0 | 37.1 |
| RUBBER & RUBBER PROD. | 6.2 | 6.1 | 6.1 | 6.1 | 6.2 | 6.1 | 6.1 | 6.0 | 5.9 | 5.9 | 6.1 | 6.0 | 6.0 |
| MISCELLANEOUS PLASTIC PROD. | 30.8 | 30.6 | 30.5 | 30.3 | 30.6 | 30.7 | 30.6 | 31.0 | 30.1 | 30.7 | 30.9 | 31.0 | 31.1 |
| LEATHER & LEATHER PRODUCTS | 4.3 | 4.1 | 4.1 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 3.9 | 4.2 | 4.3 | 4.6 | 4.4 |
| HANDBAGS, PERS. LEATHER GDS | 1.7 | 1.7 | 1.7 | 1.8 | 1.7 | 1.6 | 1.6 | 1.6 | 1.6 | 1.9 | 1.9 | 2.1 | 2.0 |
| TOTAL SERVICE PRODUCING | 2598.5 | 2607.8 | 2560.0 | 2565.0 | 2592.7 | 2625.5 | 2650.4 | 2688.8 | 2692.8 | 2688.3 | 2672.1 | 2688.6 | 2702.7 |
| PRIVATE-SERVICE PRODUCING | 2053.0 | 2063.4 | 2024.6 | 2020.8 | 2043.9 | 2075.6 | 2102.4 | 2136.8 | 2151.9 | 2153.3 | 2140.7 | 2140.7 | 2148.1 |
| TRANSPORTATION, COMMUN., ELECTRIC, GAS & SAN. SERV. | 229.2 | 228.9 | 226.6 | 226.9 | 227.4 | 228.4 | 229.8 | 225.7 | 228.2 | 228.9 | 232.5 | 232.4 | 232.7 |
| RAILROAD TRANSPORTATION | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 6.0 | 5.9 | 5.9 | 5.8 | 5.8 | 5.9 | 5.9 | 5.9 |
| OTHER TRANSPORTATION | 134.7 | 134.5 | 132.4 | 132.6 | 133.2 | 134.3 | 135.4 | 136.6 | 133.3 | 134.3 | 138.6 | 138.7 | 139.1 |
| COMMUNICATIONS | 60.2 | 60.1 | 59.8 | 59.7 | 59.6 | 59.3 | 59.4 | 53.7 | 59.4 | 59.4 | 58.9 | 58.7 | 58.7 |
| ELEC, GAS & SANITARY SERV | 28.4 | 28.5 | 28.5 | 28.7 | 28.7 | 28.8 | 29.1 | 29.5 | 29.7 | 29.4 | 29.1 | 29.1 | 29.0 |
| WHOLESALE/RETAIL TRADE | 828.0 | 839.3 | 812.6 | 802.9 | 811.2 | 825.1 | 840.0 | 859.7 | 862.1 | 860.9 | 857.0 | 857.2 | 864.2 |
| WHOLESALE TRADE | 249.0 | 249.4 | 246.8 | 246.7 | 248.2 | 249.5 | 250.7 | 252.8 | 253.4 | 254.4 | 254.8 | 255.9 | 256.0 |
| RETAIL TRADE | 579.0 | 589.9 | 565.8 | 556.2 | 563.0 | 575.6 | 589.3 | 606.9 | 608.7 | 606.5 | 602.2 | 601.3 | 608.2 |
| BLDG/MAT/MRDMR/GARDEN SU | 18.2 | 18.5 | 17.0 | 16.9 | 17.7 | 19.0 | 19.4 | 19.7 | 19.4 | 19.2 | 19.2 | 19.2 | 19.3 |
| GENERAL MERCHANDISE STOR | 86.3 | 91.1 | 84.5 | 79.2 | 78.9 | 78.9 | 79.6 | 81.2 | 82.0 | 81.2 | 82.1 | 85.8 | 90.6 |
| FOOD STORES | 101.6 | 102.2 | 98.2 | 98.1 | 98.4 | 100.9 | 102.1 | 103.8 | 105.5 | 105.0 | 105.2 | 105.7 | 106.4 |
| AUTO DEALERS & SERV. STA | 57.7 | 57.7 | 57.5 | 57.5 | 58.0 | 58.4 | 58.7 | 59.3 | 59.7 | 59.9 | 59.5 | 59.8 | 59.9 |
| APPAREL & ACCESSORIES | 49.3 | 51.2 | 47.3 | 46.1 | 46.7 | 46.9 | 47.5 | 48.4 | 48.2 | 48.7 | 48.9 | 49.9 | 51.2 |
| EATING & DRINK. PLACES | 156.9 | 156.5 | 151.9 | 151.2 | 155.8 | 164.1 | 173.7 | 185.0 | 184.4 | 183.2 | 177.3 | 168.5 | 165.6 |
| FINANCE/INSUR./REAL EST. | 194.0 | 194.9 | 195.3 | 195.6 | 197.1 | 198.5 | 200.0 | 204.1 | 206.3 | 206.5 | 204.1 | 204.0 | 205.0 |
| BANKING | 50.1 | 50.5 | 50.6 | 50.9 | 51.1 | 50.7 | 50.9 | 51.9 | 52.6 | 52.7 | 51.8 | 51.7 | 52.1 |
| INS. AGENTS & CARRIERS | 73.4 | 73.5 | 73.6 | 73.5 | 73.9 | 73.8 | 74.0 | 74.6 | 75.2 | 75.3 | 75.3 | 75.4 | 75.8 |
| SERVICES | 801.8 | 800.3 | 790.1 | 795.4 | 808.2 | 823.6 | 832.6 | 847.3 | 855.3 | 857.0 | 847.1 | 847.1 | 846.2 |
| HOTELS,CAMPS,LODG. PLACE | 63.7 | 61.4 | 59.8 | 60.0 | 60.6 | 61.4 | 64.1 | 67.5 | 69.4 | 70.6 | 67.6 | 64.8 | 63.9 |
| CASINOS | 39.4 | 38.6 | 38.1 | 38.2 | 38.3 | 38.4 | 39.1 | 40.1 | 40.1 | 39.9 | 39.2 | 38.5 | 38.5 |
| PERSONAL SERVICES | 36.3 | 36.7 | 36.8 | 36.9 | 37.2 | 38.4 | 37.2 | 37.3 | 36.5 | 36.3 | 36.9 | 37.5 | 37.5 |
| BUSINESS SERVICES | 226.2 | 227.3 | 228.1 | 229.0 | 232.2 | 234.6 | 236.4 | 238.5 | 242.0 | 243.5 | 243.0 | 245.3 | 246.9 |
| MEDICAL & OTH HEALTH SER | 206.7 | 207.3 | 208.3 | 208.5 | 209.6 | 211.6 | 212.1 | 214.4 | 215.3 | 215.3 | 215.5 | 216.2 | 216.6 |
| HOSPITALS | 110.6 | 110.9 | 111.4 | 111.6 | 112.0 | 112.5 | 112.6 | 114.1 | 115.2 | 115.3 | 115.4 | 115.3 | 115.6 |
| LEGAL SERVICES | 26.3 | 26.3 | 26.7 | 26.7 | 26.8 | 27.1 | 27.1 | 28.0 | 28.0 | 27.9 | 27.8 | 28.3 | 28.5 |
| EDUCATIONAL SERVICES | 49.5 | 49.2 | 44.5 | 48.0 | 49.5 | 49.5 | 48.9 | 46.9 | 43.2 | 43.0 | 45.9 | 49.5 | 50.2 |
| SOCIAL SERVICES | 40.4 | 40.2 | 40.2 | 40.2 | 40.9 | 41.0 | 40.8 | 40.8 | 39.7 | 40.0 | 41.1 | 41.9 | 42.4 |
| MISC. SERVICES | 41.3 | 41.6 | 41.7 | 41.9 | 42.1 | 42.3 | 42.1 | 42.5 | 42.9 | 43.0 | 42.7 | 43.1 | 43.1 |
| PUBLIC SECTOR | 545.5 | 544.4 | 535.4 | 544.2 | 548.8 | 549.9 | 548.0 | 552.0 | 540.9 | 535.0 | 531.4 | 547.9 | 554.6 |
| FEDERAL | 76.2 | 76.2 | 76.2 | 76.0 | 75.6 | 75.7 | 75.3 | 75.4 | 75.4 | 75.3 | 75.4 | 75.7 | 75.8 |
| LOCAL | 353.4 | 353.2 | 348.4 | 352.5 | 354.0 | 354.7 | 354.8 | 358.1 | 347.8 | 343.6 | 339.2 | 350.7 | 354.4 |
| LOCAL EDUCATION | 196.9 | 196.1 | 193.3 | 197.3 | 197.8 | 198.0 | 197.6 | 197.5 | 171.9 | 164.7 | 178.6 | 193.0 | 198.7 |
| STATE• | 115.9 | 115.0 | 110.8 | 115.7 | 119.2 | 119.5 | 117.9 | 118.5 | 117.7 | 116.1 | 116.8 | 121.5 | 122.4 |
| EXEC/LEG/JUD.(FULL)•• | 71.6 | 71.8 | 71.9 | 71.8 | 72.5 | 72.9 | 72.7 | 73.1 | 70.7 | 70.7 | 73.0 | 73.4 | 73.7 |

• THE TOTAL NUMBER OF STATE EMPLOYEES REPORTED UNDER THIS HEADING IS DETERMINED ON THE BASIS OF A DEFINITION DEVELOPED BY THE U.S. BUREAU OF LABOR STATISTICS WHICH IS STANDARDIZED THROUGHOUT THE NATION. THE DEFINITION INCLUDES BOTH FULL- AND PART-TIME WORKERS IN THE EXECUTIVE DEPARTMENTS, THE LEGISLATURE, AND THE JUDICIARY, AS WELL AS ALL EMPLOYEES OF AUTHORITIES, COMMISSIONS, THE STATE UNIVERSITY AND OTHER AGENCIES NOT INCLUDED ON THE CENTRAL STATE PAYROLL

•• THIS SUB-CATEGORY OF STATE GOVERNMENT EMPLOYMENT IS LIMITED TO FULL-TIME EMPLOYEES OF THE EXECUTIVE DEPARTMENTS, THE LEGISLATURE, AND THE JUDICIARY. THE FIGURES ARE BASED ON THE CENTRAL STATE PAYROLL AND ARE PROVIDED BY THE DEPARTMENT OF TREASURY.

## NEW JERSEY'S NONFARM PAYROLL WORKERS BY MAJOR INDUSTRIES, 1958-1985
(thousands)

| Year | Total Nonfarm Payrolls | Goods Producing | Durable Goods | Nondurable Goods | Mining | Contract Constr. | Private Service Producing | Transport. Comm., & Pub. Util. | Trade | Finance Ins. & Real Est. | Services | Public Sector |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | 1,911.8 | 868.7 | 412.5 | 363.6 | 3.7 | 88.9 | 816.1 | 148.2 | 351.0 | 86.4 | 230.5 | 227.0 |
| 1959 | 1,970.9 | 901.8 | 431.1 | 370.8 | 3.6 | 96.3 | 835.6 | 147.0 | 360.3 | 86.7 | 241.6 | 233.5 |
| 1960 | 2,017.1 | 911.0 | 436.8 | 372.0 | 3.5 | 98.7 | 864.0 | 149.5 | 374.5 | 88.0 | 252.0 | 242.2 |
| 1961 | 2,033.6 | 894.9 | 421.9 | 369.6 | 3.4 | 100.0 | 885.0 | 150.1 | 380.1 | 90.6 | 264.2 | 253.6 |
| 1962 | 2,095.8 | 917.5 | 436.3 | 376.5 | 3.4 | 101.3 | 915.6 | 150.8 | 393.1 | 92.8 | 278.9 | 262.8 |
| 1963 | 2,129.4 | 914.1 | 426.0 | 383.4 | 3.5 | 101.2 | 943.2 | 151.9 | 405.3 | 94.5 | 291.5 | 272.1 |
| 1964 | 2,168.7 | 917.1 | 419.1 | 387.6 | 3.6 | 106.8 | 971.6 | 153.4 | 420.0 | 96.6 | 301.6 | 280.0 |
| 1965 | 2,257.8 | 951.6 | 438.7 | 398.8 | 3.5 | 110.6 | 1,011.0 | 157.0 | 438.5 | 99.9 | 315.6 | 295.4 |
| 1966 | 2,359.1 | 993.5 | 463.4 | 415.9 | 3.0 | 111.2 | 1,053.6 | 162.2 | 459.6 | 101.0 | 330.8 | 312.0 |
| 1967 | 2,421.5 | 997.7 | 464.6 | 418.1 | 2.8 | 112.2 | 1,094.6 | 166.3 | 472.0 | 104.7 | 351.6 | 329.2 |
| 1968 | 2,485.2 | 1,004.1 | 460.9 | 424.5 | 3.1 | 115.6 | 1,136.8 | 166.3 | 489.5 | 108.4 | 372.6 | 344.4 |
| 1969 | 2,569.6 | 1,013.9 | 463.3 | 429.2 | 3.3 | 118.1 | 1,195.6 | 176.2 | 514.9 | 111.3 | 393.2 | 360.1 |
| 1970 | 2,606.2 | 984.3 | 434.3 | 426.4 | 3.2 | 120.4 | 1,247.1 | 182.2 | 538.0 | 116.5 | 410.4 | 374.8 |
| 1971 | 2,667.6 | 938.9 | 404.6 | 413.7 | 3.0 | 117.6 | 1,280.8 | 181.1 | 558.3 | 120.4 | 421.0 | 388.0 |
| 1972 | 2,674.4 | 948.1 | 405.9 | 417.4 | 3.2 | 121.6 | 1,321.0 | 181.2 | 577.3 | 124.6 | 437.9 | 405.3 |
| 1973 | 2,760.8 | 972.7 | 420.5 | 422.1 | 3.3 | 126.8 | 1,371.1 | 186.4 | 596.9 | 131.0 | 456.8 | 417.1 |
| 1974 | 2,783.4 | 947.8 | 413.2 | 412.7 | 3.2 | 118.7 | 1,395.7 | 185.8 | 603.5 | 136.5 | 469.9 | 439.9 |
| 1975 | 2,699.9 | 849.9 | 363.0 | 384.9 | 2.8 | 99.2 | 1,379.9 | 174.3 | 599.3 | 135.2 | 471.1 | 470.2 |
| 1976 | 2,753.7 | 852.8 | 363.0 | 393.2 | 2.7 | 93.9 | 1,420.5 | 176.0 | 618.5 | 138.0 | 488.0 | 480.5 |
| 1977 | 2,836.9 | 865.1 | 370.0 | 397.3 | 2.9 | 94.9 | 1,468.2 | 178.2 | 637.3 | 142.9 | 509.8 | 504.0 |
| 1978 | 2,961.9 | 894.7 | 382.8 | 404.0 | 2.6 | 105.3 | 1,544.3 | 188.5 | 665.9 | 147.7 | 542.2 | 523.0 |
| 1979 | 3,027.2 | 915.5 | 395.9 | 403.3 | 2.6 | 113.7 | 1,593.9 | 190.4 | 678.6 | 153.9 | 571.0 | 517.8 |
| 1980 | 3,060.4 | 894.7 | 384.3 | 396.8 | 2.4 | 111.2 | 1,636.0 | 194.5 | 680.3 | 158.1 | 603.1 | 529.7 |
| 1981 | 3,098.9 | 882.1 | 374.7 | 396.4 | 2.3 | 108.7 | 1,667.8 | 196.5 | 690.6 | 161.8 | 638.9 | 529.0 |
| 1982 | 3,092.7 | 839.1 | 350.1 | 379.6 | 2.1 | 107.3 | 1,729.0 | 197.1 | 701.2 | 167.1 | 663.6 | 524.7 |
| 1983 | 3,165.1 | 829.2 | 341.6 | 373.5 | 2.0 | 112.1 | 1,814.7 | 203.0 | 735.3 | 172.7 | 703.7 | 521.2 |
| 1984 | 3,329.3 | 860.2 | 346.2 | 380.5 | 2.2 | 131.3 | 1,947.0 | 219.4 | 787.3 | 183.0 | 757.3 | 522.1 |
| 1985 | 3,419.1 | 861.4 | 341.8 | 377.3 | 2.2 | 140.1 | 2,023.1 | 224.9 | 813.4 | 192.5 | 792.6 | 534.4 |

| Year | Durable Goods | Lumber & Wood* | Furniture & Fixtures | Stone, Clay & Glass | Primary Metals | Fabricated Metals | Nonelectrical Mach. | Electrical Machinery | Transport. Equipment | Instruments* | Misc. Mfg. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | 412.5 | 5.6 | 8.7 | 31.9 | 40.9 | 51.5 | 57.0 | 115.0 | 48.7 | 27.4 | 25.8 |
| 1959 | 431.1 | 5.9 | 9.2 | 33.1 | 41.7 | 54.3 | 57.8 | 121.4 | 50.5 | 30.2 | 27.0 |
| 1960 | 436.8 | 5.7 | 9.8 | 33.7 | 42.6 | 54.8 | 61.0 | 122.3 | 48.5 | 31.7 | 26.8 |
| 1961 | 421.9 | 5.6 | 9.0 | 34.4 | 40.7 | 54.2 | 57.3 | 119.5 | 41.7 | 31.9 | 27.6 |
| 1962 | 436.3 | 5.8 | 9.7 | 34.6 | 40.1 | 56.1 | 60.3 | 125.2 | 42.5 | 32.4 | 29.9 |
| 1963 | 426.0 | 5.7 | 8.9 | 34.9 | 38.6 | 55.7 | 60.1 | 121.7 | 39.0 | 32.9 | 28.7 |
| 1964 | 419.1 | 5.6 | 9.0 | 35.6 | 37.9 | 57.2 | 61.4 | 115.1 | 35.6 | 31.0 | 30.7 |
| 1965 | 438.7 | 5.6 | 9.4 | 36.9 | 39.8 | 60.8 | 65.4 | 118.4 | 36.8 | 32.7 | 32.9 |
| 1966 | 463.4 | 5.2 | 10.5 | 39.3 | 40.4 | 64.7 | 70.8 | 129.9 | 36.4 | 34.3 | 31.9 |
| 1967 | 464.6 | 5.0 | 11.0 | 39.1 | 38.6 | 66.2 | 75.0 | 131.1 | 32.0 | 36.5 | 30.0 |
| 1968 | 460.9 | 5.3 | 10.2 | 38.8 | 38.5 | 67.5 | 75.8 | 127.6 | 31.7 | 35.8 | 29.7 |
| 1969 | 463.3 | 5.2 | 11.0 | 40.9 | 39.4 | 69.8 | 76.2 | 124.5 | 31.4 | 34.7 | 30.2 |
| 1970 | 434.3 | 4.9 | 10.5 | 39.6 | 37.2 | 67.0 | 72.8 | 115.2 | 26.3 | 33.2 | 27.5 |
| 1971 | 404.6 | 4.5 | 10.6 | 39.0 | 33.3 | 62.9 | 66.3 | 104.6 | 25.2 | 32.4 | 25.6 |
| 1972 | 405.9 | 5.1 | 10.8 | 39.9 | 31.8 | 63.5 | 65.8 | 102.9 | 25.7 | 35.1 | 25.2 |
| 1973 | 420.5 | 5.3 | 10.6 | 40.8 | 32.0 | 66.2 | 72.1 | 108.1 | 25.3 | 34.4 | 25.9 |
| 1974 | 413.2 | 5.0 | 10.3 | 40.5 | 31.2 | 64.4 | 76.1 | 105.1 | 21.1 | 33.9 | 25.6 |
| 1975 | 363.0 | 4.6 | 8.9 | 36.0 | 26.1 | 58.1 | 68.4 | 88.1 | 19.3 | 31.2 | 22.4 |
| 1976 | 363.0 | 5.3 | 8.7 | 36.1 | 23.9 | 59.4 | 67.5 | 86.8 | 19.8 | 31.3 | 24.0 |
| 1977 | 370.0 | 5.8 | 8.9 | 35.1 | 23.0 | 61.1 | 71.0 | 87.9 | 20.7 | 32.0 | 24.5 |
| 1978 | 382.8 | 6.0 | 10.0 | 35.2 | 24.5 | 64.1 | 74.2 | 89.8 | 20.9 | 32.3 | 25.7 |
| 1979 | 395.9 | 6.7 | 10.3 | 35.3 | 24.5 | 64.5 | 76.4 | 92.9 | 21.6 | 35.6 | 27.1 |
| 1980 | 384.3 | 5.9 | 9.7 | 33.1 | 25.7 | 60.8 | 75.1 | 92.2 | 18.5 | 37.2 | 26.1 |
| 1981 | 374.7 | 6.1 | 9.6 | 30.9 | 25.4 | 58.8 | 72.5 | 91.6 | 17.5 | 37.1 | 25.3 |
| 1982 | 350.1 | 5.5 | 9.9 | 27.1 | 21.8 | 54.3 | 66.5 | 90.9 | 14.7 | 35.7 | 23.6 |
| 1983 | 341.6 | 5.9 | 10.5 | 26.8 | 20.7 | 50.9 | 60.9 | 93.1 | 15.1 | 34.2 | 23.5 |
| 1984 | 346.2 | 6.4 | 12.6 | 26.2 | 21.6 | 51.1 | 59.9 | 95.0 | 16.1 | 33.5 | 23.9 |
| 1985 | 341.8 | 6.7 | 13.1 | 25.7 | 21.1 | 50.3 | 59.9 | 95.1 | 14.8 | 33.7 | 21.4 |

| Year | Nondurable Goods | Food | Tobacco | Textiles | Apparel | Paper | Printing & Publishing | Chemicals | Petroleum | Rubber & Plastics* | Leather |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | 363.6 | 62.9 | 1.9 | 33.0 | 76.7 | 28.0 | 30.3 | 80.8 | 12.2 | 26.6 | 11.1 |
| 1959 | 370.8 | 62.3 | 1.8 | 33.2 | 79.2 | 28.3 | 31.5 | 82.4 | 11.8 | 29.3 | 11.1 |
| 1960 | 372.0 | 62.9 | 1.7 | 31.4 | 77.7 | 28.0 | 32.3 | 86.4 | 11.5 | 29.2 | 11.0 |
| 1961 | 369.6 | 63.9 | 1.6 | 29.1 | 76.4 | 28.1 | 32.6 | 87.0 | 11.1 | 29.2 | 10.8 |
| 1962 | 376.5 | 64.2 | 1.5 | 28.6 | 75.8 | 29.7 | 33.0 | 91.0 | 10.7 | 30.7 | 11.5 |
| 1963 | 383.4 | 64.9 | 1.4 | 27.9 | 74.5 | 31.4 | 34.6 | 94.8 | 10.5 | 31.7 | 11.7 |
| 1964 | 387.6 | 65.0 | 1.5 | 27.8 | 74.6 | 31.5 | 35.8 | 96.4 | 9.7 | 34.2 | 11.2 |
| 1965 | 398.8 | 66.4 | 1.4 | 28.5 | 77.3 | 31.3 | 37.5 | 98.9 | 9.8 | 36.0 | 11.5 |
| 1966 | 415.9 | 67.2 | 0.8 | 29.6 | 80.3 | 33.0 | 39.6 | 105.5 | 10.5 | 37.2 | 12.2 |
| 1967 | 418.1 | 65.3 | 0.6 | 29.1 | 78.5 | 33.7 | 41.5 | 110.9 | 9.6 | 37.7 | 11.3 |
| 1968 | 424.5 | 64.5 | 0.3 | 30.5 | 78.7 | 34.3 | 42.2 | 113.1 | 9.7 | 39.9 | 11.5 |
| 1969 | 429.2 | 63.2 | 0.3 | 30.8 | 77.2 | 35.0 | 43.3 | 117.4 | 10.0 | 41.4 | 10.6 |
| 1970 | 426.4 | 63.5 | 0.3 | 29.6 | 72.3 | 35.3 | 44.8 | 120.9 | 10.1 | 40.0 | 9.6 |
| 1971 | 413.7 | 61.8 | 0.3 | 29.4 | 69.8 | 35.9 | 43.8 | 117.5 | 10.1 | 36.8 | 9.5 |
| 1972 | 417.4 | 59.8 | 0.3 | 30.5 | 68.9 | 35.9 | 46.0 | 119.3 | 10.6 | 37.2 | 8.9 |
| 1973 | 422.1 | 58.7 | 0.2 | 31.3 | 68.7 | 36.8 | 46.9 | 124.1 | 10.9 | 35.5 | 9.0 |
| 1974 | 412.7 | 56.7 | 0.2 | 28.8 | 63.1 | 35.4 | 47.8 | 126.6 | 11.8 | 34.0 | 8.4 |
| 1975 | 384.9 | 53.6 | 0.2 | 24.5 | 57.9 | 32.1 | 46.4 | 121.0 | 12.1 | 29.3 | 7.9 |
| 1976 | 393.2 | 52.7 | 0.2 | 23.9 | 61.1 | 33.2 | 47.4 | 122.4 | 11.9 | 32.0 | 8.3 |
| 1977 | 397.3 | 50.2 | 0.3 | 22.8 | 59.7 | 33.4 | 49.7 | 127.2 | 11.9 | 34.2 | 7.9 |
| 1978 | 404.0 | 49.9 | 0.5 | 22.4 | 59.3 | 33.7 | 51.7 | 130.0 | 11.9 | 37.3 | 7.3 |
| 1979 | 403.3 | 49.5 | 0.4 | 21.5 | 56.5 | 33.9 | 54.3 | 129.6 | 11.9 | 38.8 | 6.9 |
| 1980 | 396.8 | 49.3 | 0.4 | 20.2 | 55.7 | 32.3 | 55.4 | 128.2 | 12.0 | 37.4 | 5.9 |
| 1981 | 396.4 | 48.1 | 0.3 | 19.0 | 56.1 | 31.3 | 57.7 | 128.9 | 11.8 | 37.3 | 5.9 |
| 1982 | 379.6 | 47.2 | 0.3 | 16.6 | 50.4 | 30.6 | 57.7 | 124.5 | 11.2 | 36.1 | 5.1 |
| 1983 | 373.5 | 47.7 | 0.3 | 15.4 | 50.6 | 31.2 | 58.0 | 119.1 | 10.3 | 36.2 | 4.7 |
| 1984 | 380.5 | 47.7 | 0.4 | 15.1 | 50.2 | 31.9 | 62.7 | 119.9 | 10.0 | 38.4 | 4.3 |
| 1985 | 377.3 | 48.2 | 0.3 | 14.4 | 47.0 | 30.7 | 65.4 | 120.8 | 9.2 | 37.1 | 4.2 |

* Data from 1972 forward are not precisely comparable with earlier figures because of SIC revisions. The revisions caused noticeable changes between the original and revised 1972 averages such as lumber (+700), furniture (-500), rubber (+2,000), and instruments (+3,000).

# AVERAGE WEEKLY GROSS DOLLAR EARNINGS OF PRODUCTION WORKERS IN NEW JERSEY

(NOT SEASONALLY ADJUSTED)

| | 1985 NOV | DEC | JAN | 1986 FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL MANUFACTURING | 414.24 | 418.97 | 416.34 | 411.48 | 415.93 | 414.92 | 414.32 | 416.56 | 416.98 | 417.18 | 419.43 | 419.43 | 425.80 |
| DURABLE GOODS | 420.58 | 425.54 | 425.38 | 419.33 | 425.63 | 425.04 | 424.87 | 426.30 | 424.51 | 427.80 | 430.68 | 429.24 | 434.05 |
| LUMBER & WOOD PRODUCTS* | 294.58 | 295.71 | 288.77 | 294.00 | 284.36 | 298.15 | 306.06 | 305.35 | 303.40 | 313.16 | 318.74 | 315.21 | 320.00 |
| FURNITURE & FIXTURES* | 298.58 | 298.15 | 290.94 | 287.47 | 294.97 | 295.57 | 302.44 | 313.16 | 309.29 | 310.44 | 322.79 | 320.00 | 324.41 |
| STONE,CLAY,GLASS PRODUCTS | 434.88 | 431.15 | 434.30 | 427.70 | 429.83 | 436.60 | 432.12 | 434.95 | 428.03 | 432.13 | 436.35 | 429.48 | 435.74 |
| GLASS & GLWR./PRESS,BLOWN | 456.14 | 439.00 | 455.05 | 440.36 | 443.26 | 442.68 | 438.76 | 444.57 | 436.13 | 442.47 | 454.96 | 446.76 | 449.83 |
| POTTERY & REL. PRODUCTS | 403.79 | 411.28 | 409.05 | 399.52 | 400.86 | 393.43 | 390.01 | 401.71 | 392.31 | 392.58 | 396.42 | 401.58 | 393.34 |
| PRIMARY METAL INDUSTRIES | 408.43 | 417.48 | 410.62 | 407.53 | 403.32 | 405.23 | 404.07 | 411.84 | 407.79 | 411.51 | 405.13 | 401.89 | 409.62 |
| BLAST FURN. & BASIC STEEL* | 458.60 | 476.67 | 458.60 | 440.13 | 456.25 | 464.61 | 459.06 | 457.03 | 461.25 | 473.24 | 460.65 | 452.52 | 459.88 |
| IRON & STEEL FOUNDRIES | 426.36 | 432.25 | 429.18 | 435.46 | 440.83 | 442.32 | 442.06 | 444.05 | 445.79 | 447.76 | 443.34 | 442.13 | 449.94 |
| PRIMARY & NONFER. METAL* | 565.49 | 567.02 | 549.05 | 546.82 | 550.08 | 536.05 | 516.88 | 549.71 | 549.93 | 533.45 | 520.82 | 505.87 | 511.90 |
| NONFER. ROLL. & DRAWING | 349.54 | 349.29 | 352.75 | 345.28 | 346.51 | 353.18 | 362.36 | 367.35 | 356.27 | 364.76 | 356.65 | 356.77 | 371.39 |
| FAB. METALS, INCL. ORD. | 424.20 | 438.01 | 437.33 | 428.22 | 437.93 | 436.30 | 431.10 | 435.08 | 429.66 | 430.50 | 434.78 | 445.12 | 440.77 |
| METAL CANS | 460.31 | 516.79 | 492.80 | 472.62 | 488.63 | 493.65 | 485.97 | 489.95 | 495.45 | 462.44 | 479.37 | 475.51 | 480.36 |
| CUTLERY, TOOLS & HRDWR. | 622.42 | 644.85 | 671.51 | 619.94 | 617.03 | 637.65 | 620.49 | 631.98 | 660.47 | 641.14 | 655.65 | 720.01 | 695.18 |
| FAB. STRUCT. METAL PROD. | 366.61 | 364.67 | 364.29 | 357.75 | 368.85 | 354.09 | 359.07 | 365.90 | 363.20 | 370.17 | 360.59 | 354.99 | 352.94 |
| METAL STAMPINGS | 407.03 | 439.63 | 432.55 | 434.28 | 441.50 | 436.30 | 421.59 | 418.61 | 418.20 | 403.17 | 406.59 | 408.44 | 413.24 |
| MACHINERY, EXCEPT ELEC. | 452.84 | 457.32 | 449.43 | 446.84 | 455.99 | 449.59 | 452.94 | 455.70 | 452.45 | 451.36 | 461.16 | 460.74 | 462.58 |
| CONSTR. & REL. MACH.* | 434.91 | 426.41 | 419.51 | 434.11 | 440.08 | 426.89 | 429.16 | 421.89 | 404.62 | 405.28 | 412.63 | 414.02 | 413.60 |
| METALWORKING MACHINERY* | 427.98 | 428.14 | 426.12 | 425.96 | 442.83 | 432.55 | 442.64 | 438.88 | 436.16 | 421.06 | 436.58 | 427.66 | 438.66 |
| SPECIAL INDUSTRY MACH. | 551.89 | 552.22 | 530.58 | 509.84 | 530.86 | 532.01 | 520.38 | 522.95 | 521.59 | 515.30 | 529.82 | 540.64 | 554.47 |
| GENERAL INDUSTRY MACH. | 450.43 | 452.69 | 441.00 | 440.90 | 450.84 | 440.43 | 444.55 | 443.06 | 445.26 | 443.36 | 445.50 | 430.45 | 439.67 |
| SERVICE INDUSTRY MACH.* | 435.31 | 431.46 | 415.74 | 399.00 | 407.60 | 409.22 | 412.82 | 425.88 | 414.12 | 416.66 | 431.53 | 429.68 | 418.67 |
| ELECTRICAL EQUIP. & SUP. | 423.43 | 428.82 | 431.88 | 424.96 | 431.53 | 429.29 | 431.79 | 429.09 | 432.64 | 436.60 | 443.93 | 443.08 | 448.38 |
| ELEC. TEST & DIST. SUP.* | 314.99 | 317.79 | 302.94 | 301.09 | 313.23 | 305.76 | 309.68 | 308.10 | 309.26 | 321.98 | 327.60 | 335.79 | 342.34 |
| ELEC. LIGHTING & WIRING | 307.98 | 323.75 | 321.72 | 314.36 | 320.88 | 316.16 | 317.54 | 325.03 | 311.45 | 317.54 | 324.02 | 323.75 | 338.41 |
| RADIO & TV REC. EQUIP.* | 350.67 | 378.22 | 366.13 | 380.06 | 364.98 | 370.48 | 383.16 | 391.94 | 400.09 | 414.15 | 414.65 | 421.57 | 431.28 |
| COMMUNICATION EQUIPMENT* | 553.35 | 552.94 | 563.27 | 544.74 | 559.44 | 562.46 | 558.14 | 546.55 | 554.17 | 553.66 | 561.15 | 559.87 | 562.46 |
| ELEC. COMP. & ACCESS. | 310.47 | 322.39 | 329.43 | 331.20 | 336.15 | 326.03 | 332.05 | 330.86 | 335.30 | 337.01 | 347.76 | 341.14 | 341.45 |
| TRANSPORTATION EQUIPMENT | 575.08 | 571.56 | 581.20 | 585.20 | 590.50 | 587.82 | 582.96 | 580.32 | 569.28 | 622.90 | 574.18 | 535.06 | 582.52 |
| MOTOR VEHICLES & EQUIP. | 637.50 | 650.58 | 665.28 | 656.76 | 664.55 | 652.94 | 644.24 | 639.02 | 624.66 | 703.00 | 624.80 | 557.96 | 627.44 |
| INSTRUMENTS & REL. PROD. | 454.51 | 467.59 | 462.41 | 456.68 | 465.02 | 462.68 | 467.42 | 463.54 | 461.16 | 451.54 | 457.03 | 458.29 | 457.73 |
| MISC. MFG. INDUSTRIES* | 319.98 | 324.82 | 321.59 | 319.59 | 322.81 | 326.81 | 328.05 | 333.32 | 332.91 | 332.52 | 333.74 | 331.70 | 335.38 |
| NONDURABLE GOODS | 407.84 | 412.29 | 408.62 | 403.17 | 406.21 | 405.20 | 403.39 | 407.82 | 408.98 | 408.00 | 410.22 | 410.62 | 417.56 |
| FOOD & KINDRED PRODUCTS | 439.30 | 455.61 | 446.88 | 446.46 | 449.59 | 441.66 | 442.15 | 446.24 | 441.79 | 443.72 | 440.32 | 439.94 | 450.05 |
| CANNED, CURED & FROZEN* | 396.09 | 418.78 | 419.40 | 408.80 | 408.86 | 394.37 | 384.19 | 389.50 | 383.56 | 390.10 | 389.94 | 404.54 | 404.29 |
| GRAIN MILL & BAK. PROD* | 408.37 | 457.32 | 459.60 | 447.02 | 461.16 | 440.66 | 463.69 | 471.57 | 466.67 | 478.37 | 466.20 | 459.68 | 473.48 |
| BEVERAGES* | 477.20 | 505.89 | 496.08 | 497.95 | 507.07 | 496.95 | 503.48 | 516.25 | 510.43 | 522.91 | 509.63 | 508.75 | 512.11 |
| TEXTILE MILL PRODUCTS | 353.19 | 349.44 | 346.11 | 341.55 | 338.66 | 340.27 | 341.96 | 346.53 | 338.66 | 345.67 | 339.44 | 339.88 | 342.37 |
| APPAREL & OTHER TEXT. PROD. | 229.25 | 223.33 | 221.07 | 219.41 | 225.35 | 223.40 | 228.76 | 228.14 | 229.16 | 228.13 | 233.53 | 232.84 | 236.19 |
| MEN'S & BOYS' STS AND CTS | 213.96 | 214.07 | 223.06 | 214.07 | 212.07 | 214.90 | 223.14 | 216.38 | 225.45 | 223.20 | 225.46 | 219.83 | 222.97 |
| MEN'S & BOYS' FURN.* | 246.65 | 233.36 | 228.24 | 227.50 | 234.99 | 234.84 | 226.97 | 225.26 | 222.05 | 226.51 | 222.05 | 232.96 | 234.96 |
| WOMEN'S & CHILD UNDERGAR | 233.56 | 230.08 | 236.57 | 232.17 | 238.22 | 235.24 | 239.20 | 237.93 | 240.70 | 243.74 | 236.85 | 237.92 | 244.50 |
| PAPER & ALLIED PRODUCTS | 431.62 | 446.34 | 449.20 | 444.78 | 450.21 | 447.50 | 443.04 | 446.02 | 439.32 | 447.07 | 443.52 | 442.88 | 448.56 |
| PAPERBOARD CONT. & BOXES* | 419.90 | 437.33 | 438.18 | 437.84 | 435.45 | 422.89 | 419.42 | 424.96 | 418.14 | 426.83 | 427.87 | 426.77 | 444.52 |
| PRINTING AND PUBLISHING* | 391.67 | 392.96 | 386.20 | 376.38 | 379.51 | 383.04 | 377.63 | 388.62 | 389.12 | 383.25 | 389.54 | 395.68 | 397.95 |
| NEWSPAPERS* | 448.22 | 452.32 | 444.85 | 430.34 | 420.24 | 434.01 | 435.95 | 442.31 | 439.73 | 435.61 | 442.88 | 454.78 | 452.05 |
| COMMERCIAL PRINTING* | 469.25 | 468.07 | 465.16 | 454.12 | 447.54 | 457.94 | 439.53 | 451.79 | 459.29 | 454.68 | 453.18 | 466.09 | 469.26 |
| CHEMICALS & ALLIED PROD. | 517.10 | 521.66 | 514.00 | 509.12 | 511.60 | 512.89 | 512.93 | 521.20 | 518.74 | 524.97 | 528.75 | 533.41 | 541.42 |
| INDUSTRIAL INORG CHEM. | 521.16 | 499.37 | 493.70 | 495.69 | 515.30 | 511.21 | 508.41 | 506.35 | 521.25 | 539.71 | 529.13 | 535.94 | 550.83 |
| PLASTIC MAT. & SYN. | 545.48 | 531.29 | 526.68 | 522.22 | 524.41 | 535.89 | 546.31 | 537.84 | 549.05 | 531.72 | 548.88 | 555.62 | 558.62 |
| DRUGS | 496.90 | 510.85 | 502.18 | 499.80 | 501.82 | 499.37 | 496.94 | 510.06 | 506.33 | 520.83 | 526.22 | 525.44 | 522.88 |
| SOAPS, CLNRS & TOILET GDS. | 447.41 | 464.96 | 447.41 | 441.90 | 446.52 | 452.57 | 449.86 | 456.84 | 452.97 | 445.20 | 441.14 | 442.07 | 452.58 |
| PAINTS & ALLIED PRODUCTS | 453.22 | 438.26 | 447.02 | 441.18 | 452.30 | 441.34 | 444.57 | 446.02 | 439.73 | 443.98 | 456.12 | 450.06 | 457.62 |
| INDUST ORGAN. CHEMICALS | 634.75 | 635.85 | 631.68 | 624.34 | 626.31 | 625.46 | 631.84 | 649.25 | 643.36 | 659.12 | 678.68 | 692.37 | 699.79 |
| PETROLEUM & COAL PROD.* | 674.82 | 657.20 | 634.78 | 637.22 | 637.70 | 631.10 | 628.62 | 636.61 | 637.42 | 625.23 | 647.45 | 663.03 | 659.09 |
| PETROLEUM REFINING* | 737.26 | 710.64 | 678.08 | 680.62 | 681.42 | 671.27 | 672.30 | 682.62 | 678.78 | 666.40 | 690.85 | 711.04 | 710.53 |
| RUBBER & PLAS. PROD., NEC | 338.24 | 343.20 | 344.76 | 339.07 | 344.43 | 341.90 | 340.65 | 346.44 | 346.94 | 354.47 | 349.45 | 348.59 | 357.85 |
| RUBBER & RUBBER PRODUCTS | 372.37 | 395.92 | 399.40 | 391.63 | 385.27 | 397.39 | 400.32 | 397.23 | 405.00 | 398.67 | 404.58 | 408.87 | 411.16 |
| MISCELLANEOUS PLAS. PROD. | 331.97 | 333.56 | 334.56 | 329.19 | 337.22 | 331.75 | 329.64 | 337.39 | 336.46 | 346.38 | 340.17 | 338.40 | 348.04 |
| LEATHER & LEATHER PROD. | 258.69 | 249.90 | 251.72 | 252.53 | 253.58 | 259.79 | 256.44 | 260.82 | 246.85 | 242.40 | 246.23 | 244.22 | 250.30 |

WEEKLY EARNINGS ARE AFFECTED BY PREMIUM PAY, SHIFT DIFFERENTIALS, PIECEWORK AND INCENTIVE PAYMENTS, LENGTH OF WORKWEEK, AND OTHER FACTORS.

* DATA FROM 1985 FORWARD ARE NOT COMPARABLE WITH EARLIER ESTIMATES BECAUSE OF SIGNIFICANT DIFFERENCES BETWEEN ORIGINAL AND REVISED ESTIMATES.

# AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN NEW JERSEY

(NOT SEASONALLY ADJUSTED)

| | 1985 NOV | DEC | 1986 JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL MANUFACTURING | 41.3 | 41.4 | 41.1 | 40.7 | 41.1 | 41.0 | 40.9 | 41.0 | 40.8 | 40.9 | 41.0 | 41.0 | 41.3 |
| DURABLE GOODS | 42.1 | 42.3 | 42.2 | 41.6 | 42.1 | 42.0 | 41.9 | 42.0 | 41.7 | 41.9 | 42.1 | 42.0 | 42.1 |
| LUMBER & WOOD PRODUCTS* | 40.8 | 41.3 | 40.5 | 40.0 | 38.9 | 39.7 | 39.8 | 39.4 | 39.3 | 40.2 | 40.5 | 39.9 | 40.0 |
| FURNITURE & FIXTURES* | 39.6 | 39.7 | 39.0 | 38.9 | 39.7 | 39.2 | 39.9 | 40.2 | 39.4 | 39.3 | 40.5 | 40.0 | 40.2 |
| STONE,CLAY,GLASS PRODUCTS | 43.1 | 42.9 | 43.0 | 42.6 | 42.6 | 43.1 | 42.7 | 42.8 | 41.8 | 42.2 | 42.2 | 41.9 | 42.1 |
| GLASS & GLWR./PRESS,BLOWN | 44.2 | 43.9 | 44.7 | 43.6 | 43.8 | 43.7 | 43.1 | 43.8 | 42.8 | 43.0 | 44.0 | 43.8 | 43.8 |
| POTTERY & REL. PRODUCTS | 39.9 | 40.6 | 40.5 | 39.4 | 39.3 | 38.8 | 38.5 | 38.7 | 38.2 | 38.3 | 38.6 | 38.8 | 38.3 |
| PRIMARY METAL INDUSTRIES | 42.5 | 42.6 | 41.9 | 41.5 | 41.1 | 42.3 | 42.4 | 42.9 | 42.7 | 43.0 | 42.6 | 42.8 | 43.3 |
| BLAST FURN. & BASIC STEEL* | 42.9 | 44.3 | 42.7 | 41.6 | 42.8 | 42.9 | 42.0 | 42.2 | 42.2 | 43.1 | 42.3 | 41.9 | 42.7 |
| IRON & STEEL FOUNDRIES | 45.6 | 45.5 | 44.8 | 44.8 | 44.8 | 45.6 | 46.0 | 46.4 | 46.1 | 46.4 | 45.8 | 45.3 | 46.1 |
| PRIMARY & NONFER. METAL* | 39.6 | 40.3 | 39.5 | 38.4 | 38.2 | 37.2 | 36.4 | 37.6 | 37.9 | 37.2 | 36.6 | 35.7 | 36.1 |
| NONFER. ROLL. & DRAWING | 43.1 | 42.7 | 42.5 | 41.6 | 41.9 | 42.5 | 43.5 | 44.1 | 43.5 | 44.0 | 43.6 | 44.1 | 44.8 |
| FAB. METALS, INCL. ORD. | 42.0 | 42.9 | 42.5 | 41.9 | 42.6 | 42.4 | 42.1 | 42.2 | 42.0 | 42.0 | 42.5 | 42.8 | 42.3 |
| METAL CANS | 42.7 | 46.6 | 44.8 | 43.6 | 44.3 | 45.0 | 44.3 | 44.5 | 43.5 | 42.7 | 43.5 | 42.8 | 42.1 |
| CUTLERY, TOOLS & HARDWARE | 44.3 | 45.0 | 46.6 | 44.6 | 44.2 | 45.0 | 44.1 | 44.6 | 45.3 | 44.4 | 45.0 | 47.4 | 46.5 |
| FAB. STRUCT. METAL PROD. | 41.1 | 40.7 | 39.9 | 39.4 | 40.4 | 39.3 | 39.2 | 39.6 | 40.4 | 40.5 | 40.2 | 39.4 | 38.7 |
| METAL STAMPINGS | 40.3 | 42.6 | 42.2 | 42.0 | 43.2 | 42.4 | 41.7 | 40.8 | 40.8 | 39.8 | 40.7 | 40.4 | 41.2 |
| MACHINERY, EXCEPT ELEC. | 42.6 | 42.7 | 42.2 | 41.8 | 42.3 | 41.9 | 41.9 | 42.0 | 41.7 | 41.6 | 42.0 | 42.0 | 41.9 |
| CONSTRUCTION & REL. MACH.* | 39.9 | 39.3 | 38.7 | 39.5 | 40.3 | 39.2 | 39.3 | 39.1 | 38.1 | 37.7 | 38.6 | 38.3 | 37.6 |
| METALWORKING MACHINERY* | 43.1 | 42.9 | 42.4 | 42.3 | 43.5 | 42.7 | 43.1 | 42.2 | 42.1 | 41.2 | 42.1 | 41.2 | 41.5 |
| SPECIAL INDUSTRY MACH. | 45.8 | 45.6 | 44.4 | 42.7 | 43.8 | 43.5 | 42.9 | 42.9 | 43.0 | 42.1 | 42.9 | 43.6 | 44.5 |
| GENERAL INDUSTRY MACH. | 41.9 | 41.8 | 41.1 | 40.9 | 41.9 | 41.2 | 41.2 | 41.1 | 41.0 | 40.9 | 40.5 | 39.6 | 40.3 |
| SERVICE INDUSTRY MACH.* | 42.1 | 42.3 | 41.0 | 40.1 | 40.0 | 40.8 | 41.2 | 42.0 | 40.8 | 41.5 | 42.1 | 42.5 | 41.7 |
| ELECTRICAL EQUIP. & SUPP. | 41.8 | 42.0 | 42.3 | 41.5 | 42.1 | 41.8 | 41.8 | 41.7 | 41.6 | 41.7 | 42.4 | 42.4 | 42.5 |
| ELEC. TEST & DIST. SUPP.* | 41.5 | 40.9 | 39.6 | 38.8 | 39.8 | 39.2 | 39.5 | 39.5 | 38.9 | 39.8 | 40.0 | 40.9 | 41.8 |
| ELEC. LIGHT. & WIRING | 40.9 | 42.1 | 42.0 | 41.2 | 42.0 | 40.9 | 40.4 | 41.3 | 40.5 | 41.4 | 42.3 | 42.1 | 43.0 |
| RADIO & TV REC. EQUIPMENT* | 42.3 | 41.7 | 41.0 | 42.8 | 42.0 | 42.1 | 43.1 | 43.5 | 43.3 | 44.2 | 44.3 | 44.8 | 44.6 |
| COMMUNICATION EQUIPMENT* | 43.4 | 43.3 | 43.8 | 42.0 | 43.2 | 43.5 | 43.0 | 42.5 | 42.4 | 42.2 | 43.0 | 43.1 | 43.2 |
| ELECTRON. COMP. & ACCESS. | 39.5 | 40.4 | 41.7 | 41.4 | 41.5 | 40.5 | 41.3 | 41.1 | 41.6 | 41.3 | 42.0 | 41.4 | 40.6 |
| TRANSPORTATION EQUIPMENT | 44.0 | 44.0 | 44.4 | 44.3 | 44.1 | 43.9 | 43.7 | 43.6 | 42.9 | 45.6 | 43.4 | 41.9 | 43.7 |
| MOTOR VEHICLES & EQUIP. | 44.8 | 45.4 | 46.2 | 45.2 | 45.3 | 44.6 | 44.4 | 44.5 | 43.5 | 47.5 | 44.0 | 41.3 | 44.0 |
| INSTRUMENTS & REL. PROD. | 43.0 | 43.7 | 43.5 | 42.8 | 43.5 | 43.0 | 43.2 | 43.2 | 42.7 | 42.2 | 42.2 | 42.2 | 42.5 |
| MISCELL. MFG. INDUSTRIES* | 40.3 | 40.2 | 39.9 | 39.7 | 40.1 | 40.8 | 40.5 | 41.1 | 41.1 | 40.9 | 40.9 | 40.6 | 40.9 |
| NONDURABLE GOODS | 40.5 | 40.5 | 40.1 | 39.8 | 40.1 | 40.0 | 39.9 | 40.1 | 39.9 | 40.0 | 40.1 | 40.1 | 40.5 |
| FOOD & KINDRED PRODUCTS | 42.2 | 42.7 | 42.0 | 42.0 | 41.9 | 41.2 | 41.4 | 41.9 | 41.6 | 41.9 | 41.5 | 41.7 | 42.1 |
| CANNED, CURED & FROZEN* | 40.5 | 41.3 | 40.6 | 40.0 | 39.2 | 38.4 | 37.3 | 38.0 | 37.9 | 38.7 | 38.8 | 39.7 | 39.1 |
| GRAIN MILL & BAKERY PROD* | 42.1 | 44.4 | 44.0 | 43.4 | 44.6 | 43.5 | 44.5 | 45.3 | 44.7 | 44.2 | 44.4 | 44.2 | 44.5 |
| BEVERAGES* | 39.9 | 41.5 | 41.1 | 41.6 | 41.7 | 40.7 | 41.1 | 41.3 | 40.9 | 41.6 | 41.0 | 40.7 | 41.5 |
| TEXTILE MILL PRODUCTS | 42.4 | 41.6 | 41.5 | 41.3 | 41.0 | 41.7 | 41.4 | 41.6 | 41.0 | 41.2 | 40.7 | 40.9 | 41.2 |
| APPAREL & OTHER TEXTILE | 35.0 | 34.2 | 33.7 | 33.6 | 34.3 | 33.9 | 34.4 | 34.0 | 33.8 | 34.1 | 34.7 | 34.7 | 35.2 |
| MEN'S & BOYS' STS AND CTS | 36.7 | 37.1 | 38.0 | 37.1 | 36.5 | 36.3 | 36.7 | 36.8 | 37.7 | 37.2 | 36.9 | 36.7 | 37.1 |
| MEN'S & BOYS' FURN.* | 38.6 | 37.1 | 36.0 | 36.4 | 37.3 | 37.1 | 36.2 | 36.1 | 35.7 | 36.3 | 35.7 | 36.4 | 37.2 |
| WOMEN'S & CHILD UNDERGAR | 33.8 | 33.2 | 33.7 | 32.7 | 33.6 | 32.9 | 32.5 | 33.0 | 33.2 | 33.9 | 33.5 | 33.7 | 34.1 |
| PAPER & ALLIED PROD. | 42.4 | 43.0 | 42.7 | 42.4 | 43.0 | 42.7 | 42.6 | 42.6 | 41.8 | 42.7 | 42.2 | 41.9 | 42.0 |
| PAPERBOARD CONT. & BOXES* | 42.5 | 43.3 | 42.5 | 42.1 | 42.4 | 41.5 | 41.2 | 41.5 | 40.4 | 41.4 | 41.3 | 40.8 | 41.7 |
| PRINTING AND PUBLISHING* | 38.1 | 38.3 | 38.2 | 37.6 | 37.8 | 38.0 | 37.5 | 38.1 | 38.0 | 37.5 | 37.6 | 37.9 | 37.9 |
| NEWSPAPERS* | 34.8 | 35.7 | 35.0 | 34.1 | 33.7 | 34.5 | 34.3 | 34.8 | 34.3 | 34.3 | 34.6 | 35.2 | 34.8 |
| COMMERCIAL PRINTING* | 39.4 | 39.6 | 40.1 | 39.8 | 39.5 | 40.1 | 39.0 | 39.7 | 39.8 | 39.4 | 38.8 | 39.6 | 39.5 |
| CHEMICALS & ALLIED PROD. | 42.7 | 42.9 | 42.2 | 41.8 | 41.9 | 41.8 | 41.6 | 42.1 | 41.8 | 42.2 | 42.3 | 42.2 | 42.8 |
| INDUSTRIAL INORG CHEM. | 43.0 | 41.1 | 40.6 | 41.0 | 42.1 | 41.8 | 41.1 | 41.2 | 41.8 | 42.8 | 42.5 | 42.2 | 43.0 |
| PLASTIC MATERIALS & SYN. | 45.8 | 43.8 | 43.1 | 42.7 | 42.6 | 42.7 | 43.6 | 43.2 | 44.1 | 43.3 | 44.3 | 44.7 | 44.3 |
| DRUGS | 41.1 | 42.5 | 41.4 | 40.9 | 41.2 | 41.1 | 40.9 | 41.2 | 40.8 | 41.6 | 41.5 | 40.7 | 41.4 |
| SOAPS, CLNERS & TOIL GDS. | 40.6 | 41.7 | 40.6 | 40.1 | 40.3 | 40.3 | 39.6 | 40.5 | 40.3 | 40.0 | 39.6 | 39.4 | 39.7 |
| PAINTS & ALLIED PROD. | 43.0 | 42.1 | 42.9 | 43.0 | 43.7 | 43.1 | 43.8 | 43.9 | 42.9 | 43.4 | 43.9 | 43.4 | 43.5 |
| INDUST ORGAN. CHEMICALS | 45.6 | 45.0 | 44.8 | 44.5 | 44.2 | 43.8 | 44.0 | 44.9 | 44.4 | 45.3 | 46.2 | 47.1 | 47.8 |
| PETROLEUM & COAL PROD.* | 41.4 | 40.0 | 41.3 | 40.9 | 40.8 | 40.3 | 40.4 | 40.6 | 40.6 | 39.9 | 40.9 | 41.7 | 41.4 |
| PETROLEUM REFINING* | 41.7 | 40.4 | 41.6 | 41.3 | 41.0 | 40.1 | 40.5 | 40.9 | 40.5 | 40.0 | 41.0 | 41.9 | 41.6 |
| RUBBER & PLASTIC PROD NEC | 41.4 | 41.6 | 40.8 | 41.0 | 41.8 | 41.9 | 41.9 | 42.3 | 41.8 | 42.3 | 41.9 | 42.1 | 42.5 |
| RUBBER & RUBBER PROD. | 40.3 | 40.4 | 40.1 | 39.8 | 40.3 | 40.8 | 40.6 | 40.7 | 41.2 | 41.1 | 41.2 | 41.3 | 41.7 |
| MISCELLANEOUS PLASTIC | 41.6 | 41.8 | 40.9 | 41.2 | 42.1 | 42.1 | 42.1 | 42.6 | 41.9 | 42.5 | 42.1 | 42.3 | 42.6 |
| LEATHER & LEATHER PROD. | 42.2 | 40.9 | 40.6 | 40.6 | 40.9 | 41.5 | 40.9 | 41.4 | 40.6 | 40.0 | 40.3 | 40.5 | 41.1 |

AVERAGE HOURS WORKED OR PAID FOR ARE AFFECTED BY LABOR TURNOVER, CHANGES IN OVERTIME HOURS, AND PART-TIME EMPLOYMENT.

* DATA FROM 1985 FORWARD ARE NOT COMPARABLE WITH EARLIER ESTIMATES BECAUSE OF SIGNIFICANT DIFFERENCES BETWEEN ORIGINAL AND REVISED ESTIMATES.

# AVERAGE HOURLY GROSS DOLLAR EARNINGS OF PRODUCTION WORKERS IN NEW JERSEY

(NOT SEASONALLY ADJUSTED)

| | 1985 NOV | DEC | 1986 JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL MANUFACTURING | 10.03 | 10.12 | 10.13 | 10.11 | 10.12 | 10.12 | 10.13 | 10.16 | 10.22 | 10.20 | 10.23 | 10.23 | 10.31 |
| DURABLE GOODS | 9.99 | 10.06 | 10.08 | 10.08 | 10.11 | 10.12 | 10.14 | 10.15 | 10.18 | 10.21 | 10.23 | 10.22 | 10.31 |
| LUMBER & WOOD PRODUCTS* | 7.22 | 7.16 | 7.13 | 7.35 | 7.31 | 7.51 | 7.69 | 7.75 | 7.72 | 7.79 | 7.87 | 7.90 | 8.00 |
| FURNITURE & FIXTURES* | 7.54 | 7.51 | 7.46 | 7.39 | 7.43 | 7.54 | 7.58 | 7.79 | 7.85 | 7.80 | 7.97 | 8.00 | 8.07 |
| STONE,CLAY,GLASS PRODUCTS | 10.09 | 10.05 | 10.10 | 10.04 | 10.09 | 10.13 | 10.12 | 10.16 | 10.24 | 10.24 | 10.34 | 10.25 | 10.35 |
| GLASS & GLWR./PRESS,BLOWN | 10.32 | 10.00 | 10.18 | 10.10 | 10.12 | 10.13 | 10.18 | 10.15 | 10.19 | 10.29 | 10.34 | 10.20 | 10.27 |
| POTTERY & REL. PRODUCTS | 10.12 | 10.13 | 10.10 | 10.14 | 10.20 | 10.14 | 10.13 | 10.38 | 10.27 | 10.25 | 10.27 | 10.35 | 10.27 |
| PRIMARY METAL INDUSTRIES | 9.61 | 9.80 | 9.80 | 9.82 | 9.58 | 9.58 | 9.53 | 9.60 | 9.55 | 9.57 | 9.51 | 9.39 | 9.46 |
| BLAST FURN. & BASIC STEEL* | 10.69 | 10.76 | 10.74 | 10.58 | 10.66 | 10.83 | 10.93 | 10.83 | 10.93 | 10.98 | 10.89 | 10.80 | 10.77 |
| IRON & STEEL FOUNDRIES | 9.35 | 9.50 | 9.58 | 9.72 | 9.84 | 9.70 | 9.61 | 9.57 | 9.67 | 9.65 | 9.68 | 9.76 | 9.76 |
| PRIMARY & NONFER. METAL* | 14.28 | 14.07 | 13.90 | 14.24 | 14.40 | 14.41 | 14.20 | 14.62 | 14.51 | 14.34 | 14.23 | 14.17 | 14.18 |
| NONFER. ROLL. & DRAWING | 8.11 | 8.18 | 8.30 | 8.30 | 8.27 | 8.31 | 8.33 | 8.33 | 8.19 | 8.29 | 8.18 | 8.09 | 8.29 |
| FAB. METALS, INCL. ORD. | 10.10 | 10.21 | 10.29 | 10.22 | 10.28 | 10.29 | 10.24 | 10.31 | 10.23 | 10.25 | 10.23 | 10.40 | 10.42 |
| METAL CANS | 10.78 | 11.09 | 11.00 | 10.84 | 11.03 | 10.97 | 10.97 | 11.01 | 10.70 | 10.83 | 11.02 | 11.11 | 11.41 |
| CUTLERY, TOOLS & HARDWARE | 14.05 | 14.33 | 14.41 | 13.90 | 13.96 | 14.17 | 14.07 | 14.17 | 14.58 | 14.44 | 14.57 | 15.19 | 14.95 |
| FAB. STRUCT. METAL PROD. | 8.92 | 8.96 | 9.13 | 9.08 | 9.13 | 9.01 | 9.16 | 9.24 | 8.99 | 9.14 | 8.97 | 9.01 | 9.12 |
| METAL STAMPINGS | 10.10 | 10.32 | 10.25 | 10.34 | 10.22 | 10.29 | 10.11 | 10.26 | 10.25 | 10.13 | 9.99 | 10.11 | 10.03 |
| MACHINERY, EXCEPT ELEC. | 10.63 | 10.71 | 10.65 | 10.69 | 10.78 | 10.73 | 10.81 | 10.85 | 10.85 | 10.85 | 10.98 | 10.97 | 11.04 |
| CONSTRUCTION & REL. MACH.* | 10.90 | 10.85 | 10.84 | 10.99 | 10.92 | 10.89 | 10.92 | 10.79 | 10.62 | 10.75 | 10.69 | 10.81 | 11.00 |
| METALWORKING MACHINERY* | 9.93 | 9.98 | 10.05 | 10.07 | 10.18 | 10.13 | 10.27 | 10.40 | 10.36 | 10.22 | 10.37 | 10.38 | 10.57 |
| SPECIAL INDUSTRY MACH. | 12.05 | 12.11 | 11.95 | 11.94 | 12.12 | 12.23 | 12.13 | 12.19 | 12.13 | 12.24 | 12.35 | 12.40 | 12.46 |
| GENERAL INDUSTRY MACH. | 10.75 | 10.83 | 10.73 | 10.78 | 10.76 | 10.69 | 10.79 | 10.79 | 10.86 | 10.84 | 11.00 | 10.87 | 10.91 |
| SERVICE INDUSTRY MACH.* | 10.34 | 10.20 | 10.14 | 9.95 | 10.19 | 10.03 | 10.02 | 10.14 | 10.15 | 10.04 | 10.25 | 10.11 | 10.04 |
| ELECTRICAL EQUIP. & SUPP. | 10.13 | 10.21 | 10.21 | 10.24 | 10.25 | 10.27 | 10.33 | 10.29 | 10.40 | 10.47 | 10.47 | 10.45 | 10.55 |
| ELEC. TEST & DIST. SUPP.* | 7.59 | 7.77 | 7.65 | 7.76 | 7.87 | 7.80 | 7.84 | 7.80 | 7.95 | 8.09 | 8.19 | 8.21 | 8.19 |
| ELEC. LIGHT. & WIRING | 7.53 | 7.69 | 7.66 | 7.63 | 7.64 | 7.73 | 7.86 | 7.87 | 7.69 | 7.67 | 7.66 | 7.69 | 7.87 |
| RADIO & TV REC. EQUIPMENT* | 8.29 | 9.07 | 8.93 | 8.88 | 8.69 | 8.80 | 8.89 | 9.01 | 9.24 | 9.37 | 9.36 | 9.41 | 9.67 |
| COMMUNICATION EQUIPMENT* | 12.75 | 12.77 | 12.86 | 12.97 | 12.95 | 12.93 | 12.98 | 12.86 | 13.07 | 13.12 | 13.05 | 12.99 | 13.02 |
| ELECTRON. COMP. & ACCESS. | 7.86 | 7.98 | 7.90 | 8.00 | 8.10 | 8.05 | 8.04 | 8.05 | 8.06 | 8.16 | 8.28 | 8.24 | 8.41 |
| TRANSPORTATION EQUIPMENT | 13.07 | 12.99 | 13.09 | 13.21 | 13.39 | 13.39 | 13.34 | 13.31 | 13.27 | 13.66 | 13.23 | 12.77 | 13.33 |
| MOTOR VEHICLES & EQUIP. | 14.23 | 14.33 | 14.40 | 14.53 | 14.67 | 14.64 | 14.51 | 14.36 | 14.36 | 14.80 | 14.20 | 13.51 | 14.26 |
| INSTRUMENTS & REL. PROD. | 10.57 | 10.70 | 10.63 | 10.67 | 10.69 | 10.76 | 10.82 | 10.73 | 10.80 | 10.70 | 10.83 | 10.86 | 10.77 |
| MISCELL. MFG. INDUSTRIES* | 7.94 | 8.08 | 8.06 | 8.05 | 8.05 | 8.01 | 8.10 | 8.11 | 8.10 | 8.13 | 8.16 | 8.17 | 8.20 |
| NONDURABLE GOODS | 10.07 | 10.18 | 10.19 | 10.13 | 10.13 | 10.13 | 10.11 | 10.17 | 10.25 | 10.20 | 10.23 | 10.24 | 10.31 |
| FOOD & KINDRED PRODUCTS | 10.41 | 10.67 | 10.64 | 10.63 | 10.73 | 10.72 | 10.68 | 10.65 | 10.62 | 10.59 | 10.61 | 10.55 | 10.69 |
| CANNED, CURED & FROZEN* | 9.78 | 10.14 | 10.33 | 10.22 | 10.43 | 10.27 | 10.30 | 10.25 | 10.12 | 10.08 | 10.05 | 10.19 | 10.34 |
| GRAIN MILL & BAKERY PROD* | 9.70 | 10.30 | 10.40 | 10.30 | 10.34 | 10.13 | 10.42 | 10.41 | 10.44 | 10.44 | 10.50 | 10.40 | 10.64 |
| BEVERAGES* | 11.96 | 12.19 | 12.07 | 11.97 | 12.16 | 12.21 | 12.25 | 12.50 | 12.48 | 12.57 | 12.43 | 12.50 | 12.34 |
| TEXTILE MILL PRODUCTS | 8.33 | 8.40 | 8.34 | 8.27 | 8.26 | 8.16 | 8.26 | 8.33 | 8.26 | 8.39 | 8.34 | 8.31 | 8.31 |
| APPAREL & OTHER TEXTILE | 6.55 | 6.53 | 6.56 | 6.53 | 6.57 | 6.59 | 6.65 | 6.71 | 6.78 | 6.69 | 6.73 | 6.71 | 6.71 |
| MEN'S & BOYS' STS AND CTS | 5.83 | 5.77 | 5.87 | 5.77 | 5.81 | 5.92 | 6.08 | 5.88 | 5.98 | 6.00 | 6.11 | 5.99 | 6.01 |
| MEN'S & BOYS' FURN.* | 6.39 | 6.29 | 6.34 | 6.25 | 6.30 | 6.33 | 6.27 | 6.24 | 6.22 | 6.24 | 6.22 | 6.40 | 6.30 |
| WOMEN'S & CHILD UNDERGAR | 6.91 | 6.93 | 7.02 | 7.10 | 7.09 | 7.15 | 7.36 | 7.21 | 7.25 | 7.19 | 7.07 | 7.06 | 7.17 |
| PAPER & ALLIED PROD. | 10.18 | 10.38 | 10.52 | 10.49 | 10.47 | 10.48 | 10.40 | 10.47 | 10.51 | 10.47 | 10.51 | 10.57 | 10.68 |
| PAPERBOARD CONT. & BOXES* | 9.88 | 10.10 | 10.31 | 10.40 | 10.27 | 10.19 | 10.18 | 10.24 | 10.35 | 10.31 | 10.36 | 10.46 | 10.66 |
| PRINTING AND PUBLISHING* | 11.16 | 10.26 | 10.11 | 10.01 | 10.04 | 10.08 | 10.07 | 10.20 | 10.24 | 10.22 | 10.36 | 10.44 | 10.50 |
| NEWSPAPERS* | 12.88 | 12.67 | 12.71 | 12.62 | 12.47 | 12.58 | 12.71 | 12.71 | 12.82 | 12.70 | 12.80 | 12.92 | 12.99 |
| COMMERCIAL PRINTING* | 11.91 | 11.82 | 11.60 | 11.41 | 11.33 | 11.42 | 11.27 | 11.38 | 11.54 | 11.54 | 11.68 | 11.77 | 11.88 |
| CHEMICALS & ALLIED PROD. | 12.11 | 12.16 | 12.18 | 12.18 | 12.21 | 12.27 | 12.33 | 12.38 | 12.41 | 12.44 | 12.50 | 12.64 | 12.65 |
| INDUSTRIAL INORG CHEM. | 12.12 | 12.15 | 12.16 | 12.09 | 12.24 | 12.23 | 12.37 | 12.29 | 12.47 | 12.61 | 12.45 | 12.70 | 12.81 |
| PLASTIC MATERIALS & SYN. | 11.91 | 12.13 | 12.22 | 12.23 | 12.31 | 12.55 | 12.53 | 12.45 | 12.45 | 12.28 | 12.39 | 12.43 | 12.61 |
| DRUGS | 12.09 | 12.02 | 12.13 | 12.22 | 12.18 | 12.15 | 12.15 | 12.38 | 12.41 | 12.52 | 12.68 | 12.91 | 12.63 |
| SOAPS, CLNERS & TOIL GDS. | 11.02 | 11.15 | 11.02 | 11.02 | 11.08 | 11.23 | 11.36 | 11.28 | 11.24 | 11.13 | 11.14 | 11.22 | 11.40 |
| PAINTS & ALLIED PROD. | 10.54 | 10.41 | 10.42 | 10.26 | 10.35 | 10.24 | 10.15 | 10.16 | 10.25 | 10.23 | 10.39 | 10.37 | 10.52 |
| INDUST ORGAN. CHEMICALS | 13.92 | 14.13 | 14.10 | 14.03 | 14.17 | 14.28 | 14.36 | 14.46 | 14.49 | 14.55 | 14.69 | 14.70 | 14.64 |
| PETROLEUM & COAL PROD.* | 16.30 | 16.43 | 15.37 | 15.58 | 15.63 | 15.66 | 15.56 | 15.68 | 15.70 | 15.67 | 15.83 | 15.90 | 15.92 |
| PETROLEUM REFINING* | 17.68 | 17.59 | 16.30 | 16.48 | 16.62 | 16.74 | 16.60 | 16.69 | 16.76 | 16.66 | 16.85 | 16.97 | 17.08 |
| RUBBER & PLASTIC PROD NEC | 8.17 | 8.25 | 8.45 | 8.27 | 8.24 | 8.16 | 8.13 | 8.19 | 8.30 | 8.38 | 8.34 | 8.28 | 8.42 |
| RUBBER & RUBBER PROD. | 9.24 | 9.80 | 9.96 | 9.84 | 9.56 | 9.74 | 9.86 | 9.76 | 9.83 | 9.70 | 9.82 | 9.90 | 9.86 |
| MISCELLANEOUS PLASTIC | 7.98 | 7.98 | 8.18 | 7.99 | 8.01 | 7.88 | 7.83 | 7.92 | 8.03 | 8.15 | 8.08 | 8.00 | 8.17 |
| LEATHER & LEATHER PROD. | 6.13 | 6.11 | 6.20 | 6.22 | 6.20 | 6.26 | 6.27 | 6.30 | 6.08 | 6.06 | 6.11 | 6.03 | 6.09 |

HOURLY EARNINGS INCLUDE PAID HOLIDAYS, VACATION, AND SICK LEAVE. THEY ARE AFFECTED BY CHANGES IN WORK FORCE COMPOSITION AND IN WAGE RATES.

* DATA FROM 1985 FORWARD ARE NOT COMPARABLE WITH EARLIER ESTIMATES BECAUSE OF SIGNIFICANT DIFFERENCES BETWEEN ORIGINAL AND REVISED ESTIMATES.

NEW JERSEY LABOR FORCE DATA
(THOUSANDS)

| | NOV 1986 | OCT 1986 | NOV 1985 | NET CHANGE FROM MONTH AGO | NET CHANGE FROM YEAR AGO |
|---|---|---|---|---|---|
| CIVILIAN LABOR FORCE | 3,902 | 3,874 | 3,867 | 28.0 | 35.0 |
| TOTAL EMPLOYMENT | 3,743 | 3,687 | 3,651 | 56.0 | 92.0 |
| TOTAL UNEMPLOYMENT | 159 | 187 | 217 | -28.0 | -58.0 |
| SEASONALLY ADJUSTED UNEMP. TOTAL | 173 | 216 | 232 | -43.0 | -59.0 |
| UNEMPLOYMENT RATE | 4.1 | 4.8 | 5.6 | - 0.7 | - 1.5 |
| SEASONALLY ADJUSTED UNEMP. RATE | 4.4 | 5.5 | 6.0 | - 1.1 | - 1.6 |

NOTE: BASED ON U.S. BUREAU OF LABOR STATISTICS METHOD.

SEASONALLY ADJUSTED
CHARACTERISTICS OF THE NEW JERSEY INSURED UNEMPLOYED*
(REGULAR STATE UI PROGRAM ONLY)
(THOUSANDS)

| | NOV 1986 | OCT 1986 | NOV 1985 | NET CHANGE FROM MONTH AGO | NET CHANGE FROM YEAR AGO |
|---|---|---|---|---|---|
| TOTAL INSURED UNEMPLOYED (UNADJ.) | 67.4 | 65.0 | 81.3 | + 2.4 | -13.9 |
| TOTAL INSURED UNEMPLOYED | 76.8 | 77.4 | 92.6 | - 0.6 | -15.8 |
| MALE | 41.8 | 44.0 | 54.8 | - 2.2 | -12.9 |
| FEMALE | 33.4 | 33.7 | 36.2 | - 0.3 | - 2.8 |
| WHITE, NOT HISPANIC | 44.8 | 31.3 | 55.7 | +13.5 | -10.9 |
| BLACK, NOT HISPANIC | 17.2 | 12.7 | 20.8 | + 4.6 | - 3.6 |
| HISPANIC | 12.8 | 8.6 | 13.8 | + 4.2 | - 1.0 |
| OTHER** | 1.0 | 0.8 | 1.1 | + 0.2 | - 0.1 |
| MANUFACTURING | 27.2 | 26.5 | 37.0 | + 0.7 | - 9.8 |
| DURABLE GOODS | 11.8 | 11.0 | 19.6 | + 0.8 | - 7.8 |
| NONDURABLE GOODS | 15.4 | 15.4 | 17.4 | - 0.1 | - 2.0 |
| NONMANUFACTURING | 48.7 | 51.2 | 54.8 | - 2.5 | - 6.1 |
| CONTRACT CONSTRUCTION | 7.8 | 9.4 | 9.5 | - 1.6 | - 1.6 |
| TRANS. & PUBLIC UTILITIES | 4.5 | 4.9 | 5.8 | - 0.4 | - 1.3 |
| WHOLESALE & RETAIL TRADE | 16.3 | 16.4 | 17.7 | - 0.1 | - 1.4 |
| FINANCE/INS/REAL ESTATE | 2.5 | 2.3 | 2.7 | + 0.1 | - 0.2 |
| SERVICES | 14.4 | 14.5 | 14.0 | - 0.1 | + 0.4 |
| BY AGE OF CLAIMANT | | | | | |
| UNDER 25 | 10.0 | 11.6 | 12.6 | - 1.7 | - 2.7 |
| 25 THROUGH 34 | 24.2 | 26.3 | 30.8 | - 2.1 | - 6.5 |
| 35 THROUGH 44 | 17.4 | 19.2 | 19.3 | - 1.8 | - 1.9 |
| 45 THROUGH 54 | 12.0 | 14.6 | 15.1 | - 2.6 | - 3.0 |
| 55 THROUGH 64 | 11.0 | 11.2 | 12.0 | - 0.2 | - 1.0 |
| 65 AND OVER | 2.1 | 2.7 | 2.6 | - 0.6 | - 0.5 |
| BY DURATION OF UNEMPLOYMENT | | | | | |
| 1 TO 2 WEEKS | 8.5 | 7.0 | 7.7 | + 1.5 | + 0.8 |
| 3 TO 4 WEEKS | 8.1 | 8.1 | 10.8 | 0.0 | - 2.7 |
| 5 THROUGH 14 WEEKS | 37.4 | 40.0 | 49.8 | - 2.6 | -12.4 |
| 15 WEEKS AND OVER | 21.2 | 22.8 | 22.9 | - 1.5 | - 1.6 |

*DATA ARE FOR CLAIMANTS IN THE WEEK INCLUDING THE 19TH OF THE MONTH AND ARE SEASONALLY ADJUSTED, EXCEPT AS NOTED. THE DATA ON CHARACTERISTICS OF THE INSURED UNEMPLOYED UNDER THE REGULAR STATE UI PROGRAM ARE BASED ON A 3% SAMPLE OF ALL INSURED UNEMPLOYED. INDUSTRY DATA ARE FOR SELECTED CATEGORIES AND DO NOT ADD TO TOTALS.
**NOT SEASONALLY ADJUSTED

## RESIDENTIAL CONSTRUCTION AUTHORIZED BY BUILDING PERMITS IN NEW JERSEY

| | Oct[1] 1986 | Sep[2] 1986 | Year to Date[3] 1986 | 1985 | % Change |
|---|---|---|---|---|---|
| TOTAL DWELLING UNITS AUTHORIZED | 4,073 | 4,778 | 38,177 | 34,278 | 11.4 |
| Private Units | 4,073 | 4,778 | 38,105 | 34,157 | 11.6 |
| Single Family | 3,202 | 2,910 | 28,175 | 23,808 | 18.3 |
| Two-Family | 188 | 122 | 1,778 | 1,458 | 21.9 |
| Three-or-Four Family | 21 | 63 | 353 | 824 | -57.2 |
| Five or More Family | 662 | 1,683 | 7,799 | 8,067 | - 3.3 |
| Public Units | 0 | 0 | 72 | 121 | -40.5 |
| ESTIMATED VALUE OF RESIDENTIAL PERMITS (000) | $358,792 | $418,224 | $2,878,868 | $2,298,217 | 25.3 |
| New Buildings | $276,429 | $366,005 | $2,417,566 | $1,947,360 | 24.1 |
| Additions and Alterations | $ 82,363 | $ 52,219 | $ 461,302 | $ 350,857 | 31.5 |

[1]Based on reports received from 432 of 567 municipalities.
[2]Based on reports received from 433 of 567 municipalities.
[3]Does not include any late reports.
SOURCE: N.J. Department of Labor

## OFFICIAL BLS SAMPLE ESTIMATES
## STANDARD ERRORS AND COEFFICIENTS OF VARIATION
(not seasonally adjusted)

| | | RESIDENT EMPLOYMENT (in thousands) | | | UNEMPLOYMENT (in thousands) | | | UNEMPLOYMENT RATE (percent of labor force) | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Year | Month | Estimate | Standard Error | Coefficient of Variation | Estimate | Standard Error | Coefficient of Variation | Estimate | Standard Error | Coefficient of Variation |
| 1984 | Jan | 3,485 | ±60 | 1.7% | 288 | ±32 | 11.1% | 7.6% | ±.8 | 10.5% |
| | Feb | 3,530 | ±60 | 1.7% | 255 | ±30 | 11.8% | 6.7% | ±.8 | 11.9% |
| | Mar | 3,541 | ±60 | 1.7% | 284 | ±32 | 11.3% | 7.4% | ±.8 | 10.8% |
| | Apr | 3,661 | ±60 | 1.6% | 258 | ±30 | 11.6% | 6.6% | ±.8 | 12.1% |
| | May | 3,668 | ±60 | 1.6% | 245 | ±30 | 12.2% | 6.3% | ±.8 | 12.7% |
| | Jun | 3,649 | ±60 | 1.6% | 203 | ±27 | 13.3% | 5.3% | ±.7 | 13.2% |
| | Jul | 3,661 | ±60 | 1.6% | 247 | ±30 | 12.1% | 6.3% | ±.8 | 12.7% |
| | Aug | 3,622 | ±60 | 1.7% | 235 | ±29 | 12.3% | 6.1% | ±.7 | 11.5% |
| | Sep | 3,558 | ±60 | 1.7% | 220 | ±28 | 12.7% | 5.8% | ±.7 | 12.1% |
| | Oct | 3,605 | ±60 | 1.7% | 193 | ±26 | 13.5% | 5.1% | ±.7 | 13.7% |
| | Nov | 3,547 | ±60 | 1.7% | 202 | ±27 | 13.4% | 5.4% | ±.7 | 13.0% |
| | Dec | 3,559 | ±60 | 1.7% | 203 | ±27 | 13.3% | 5.4% | ±.7 | 13.0% |
| 1985 | Jan | 3,522 | ±60 | 1.7% | 253 | ±30 | 11.9% | 6.7% | ±.8 | 11.9% |
| | Feb | 3,567 | ±60 | 1.7% | 253 | ±30 | 11.9% | 6.6% | ±.8 | 12.1% |
| | Mar | 3,584 | ±60 | 1.7% | 254 | ±30 | 11.8% | 6.6% | ±.8 | 12.1% |
| | Apr | 3,618 | ±60 | 1.7% | 229 | ±29 | 12.7% | 5.9% | ±.7 | 11.9% |
| | May | 3,645 | ±60 | 1.6% | 191 | ±26 | 13.6% | 5.0% | ±.7 | 14.0% |
| | Jun | 3,683 | ±60 | 1.6% | 214 | ±28 | 13.1% | 5.5% | ±.7 | 12.7% |
| | Jul | 3,728 | ±59 | 1.6% | 237 | ±29 | 12.2% | 6.0% | ±.7 | 11.7% |
| | Aug | 3,704 | ±59 | 1.6% | 171 | ±25 | 14.6% | 4.4% | ±.6 | 13.6% |
| | Sep | 3,649 | ±60 | 1.6% | 183 | ±26 | 14.2% | 4.8% | ±.7 | 14.6% |
| | Oct | 3,622 | ±60 | 1.7% | 210 | ±28 | 13.3% | 5.5% | ±.7 | 12.7% |
| | Nov | 3,651 | ±60 | 1.6% | 217 | ±28 | 12.9% | 5.6% | ±.7 | 12.5% |
| | Dec | 3,637 | ±60 | 1.6% | 208 | ±27 | 13.0% | 5.4% | ±.7 | 13.0% |
| 1986 | Jan | 3,584 | ±60 | 1.7% | 264 | ±31 | 11.7% | 6.9% | ±.8 | 11.6% |
| | Feb | 3,640 | ±60 | 1.6% | 248 | ±30 | 12.1% | 6.4% | ±.8 | 12.5% |
| | Mar | 3,645 | ±60 | 1.6% | 189 | ±26 | 13.8% | 4.9% | ±.7 | 14.3% |
| | Apr | 3,674 | ±60 | 1.6% | 181 | ±26 | 14.4% | 4.7% | ±.7 | 14.9% |
| | May | 3,725 | ±59 | 1.6% | 207 | ±27 | 13.0% | 5.3% | ±.7 | 13.2% |
| | Jun | 3,793 | ±59 | 1.6% | 202 | ±27 | 13.4% | 5.0% | ±.7 | 14.0% |
| | Jul | 3,786 | ±59 | 1.6% | 227 | ±29 | 12.8% | 5.7% | ±.7 | 12.3% |
| | Aug | 3,789 | ±59 | 1.6% | 177 | ±25 | 14.1% | 4.5% | ±.6 | 13.3% |
| | Sep | 3,733 | ±59 | 1.6% | 166 | ±25 | 15.1% | 4.3% | ±.6 | 14.0% |
| | Oct | 3,687 | ±60 | 1.6% | 187 | ±26 | 13.9% | 4.8% | ±.7 | 14.6% |
| | Nov | 3,743 | ±59 | 1.6% | 159 | ±24 | 15.1% | 4.1% | ±.6 | 14.6% |
| | Dec | | | | | | | | | |

Data Notes

Standard errors can be used to construct confidence intervals around each sample estimate. A 90% confidence interval means that, if repeated samples were drawn from the same population, the interval of plus or minus 1.645 standard error around each sample estimate would contain, in 9 out of 10 cases, the true value based on a complete census of the population.

The standard errors and coefficients of variation are developed on the basis of past observed variation in New Jersey's sample data. They cannot be applied to seasonally adjusted data because a source of variation, namely seasonal patterns, have already been eliminated by the seasonal adjustment procedure.

Standard errors (S.E.) and coefficient of variation (C.V.) for all years are based on 1985 CPS sample parameters.

COMPARATIVE US AND NJ
CIVILIAN LABOR FORCE TRENDS
SEASONALLY ADJUSTED*
(000)
1985 BENCHMARK

| DATE | LABOR FORCE | | EMPLOYMENT | | UNEMPLOYMENT VOLUME | | UNEMPLOYMENT RATE(%) | |
|---|---|---|---|---|---|---|---|---|
| | US | NJ | US | NJ | US | NJ | US | NJ |
| 1970 | 82,771 | 2,996.0 | 78,678 | 2,859.0 | 4,093 | 138.0 | 4.9 | 4.6 |
| 1971 | 84,382 | 3,012.0 | 79,367 | 2,840.0 | 5,016 | 172.0 | 5.9 | 5.7 |
| 1972 | 87,034 | 3,117.0 | 82,153 | 2,935.0 | 4,882 | 182.0 | 5.6 | 5.8 |
| 1973 | 89,429 | 3,190.0 | 85,064 | 3,011.0 | 4,365 | 180.0 | 4.9 | 5.6 |
| 1974 | 91,949 | 3,226.0 | 86,794 | 3,023.0 | 5,156 | 204.0 | 5.6 | 6.3 |
| 1975 | 93,775 | 3,264.0 | 85,846 | 2,929.0 | 7,929 | 334.0 | 8.5 | 10.2 |
| 1976 | 96,158 | 3,318.0 | 88,752 | 2,973.0 | 7,406 | 346.0 | 7.7 | 10.4 |
| 1977 | 99,009 | 3,383.0 | 92,017 | 3,065.0 | 6,991 | 317.0 | 7.1 | 9.4 |
| 1978 | 102,251 | 3,457.0 | 96,048 | 3,209.0 | 6,202 | 248.0 | 6.1 | 7.2 |
| 1979 | 104,962 | 3,570.0 | 98,824 | 3,323.0 | 6,137 | 247.0 | 5.8 | 6.9 |
| 1980 | 106,940 | 3,594.0 | 99,303 | 3,334.0 | 7,637 | 260.0 | 7.1 | 7.2 |
| 1981 | 108,670 | 3,593.0 | 100,397 | 3,330.0 | 8,273 | 263.0 | 7.6 | 7.3 |
| 1982 | 110,204 | 3,632.0 | 99,526 | 3,306.0 | 10,678 | 326.0 | 9.7 | 9.0 |
| 1983 | 111,550 | 3,673.0 | 100,834 | 3,385.0 | 10,717 | 288.0 | 9.6 | 7.8 |
| 1984 | 113,544 | 3,828.0 | 105,005 | 3,592.0 | 8,539 | 236.0 | 7.5 | 6.2 |
| 1985 | 115,461 | 3,853.0 | 107,150 | 3,635.0 | 8,312 | 218.0 | 7.2 | 5.7 |
| 1985 | | | | | | | | |
| JAN | 114,754 | 3,815.0 | 106,315 | 3,586.0 | 8,439 | 229.0 | 7.4 | 6.0 |
| FEB | 114,982 | 3,849.0 | 106,587 | 3,613.0 | 8,395 | 236.0 | 7.3 | 6.1 |
| MAR | 115,335 | 3,847.0 | 106,951 | 3,622.0 | 8,384 | 225.0 | 7.3 | 5.8 |
| APR | 115,256 | 3,842.0 | 106,872 | 3,612.0 | 8,384 | 230.0 | 7.3 | 6.0 |
| MAY | 115,339 | 3,818.0 | 106,939 | 3,620.0 | 8,400 | 198.0 | 7.3 | 5.2 |
| JUN | 115,024 | 3,844.0 | 106,601 | 3,635.0 | 8,423 | 209.0 | 7.3 | 5.4 |
| JUL | 115,272 | 3,875.0 | 106,871 | 3,652.0 | 8,401 | 223.0 | 7.3 | 5.8 |
| AUG | 115,343 | 3,838.0 | 107,210 | 3,666.0 | 8,133 | 172.0 | 7.1 | 4.5 |
| SEP | 115,790 | 3,879.0 | 107,519 | 3,671.0 | 8,271 | 201.0 | 7.1 | 5.2 |
| OCT | 116,114 | 3,854.0 | 107,813 | 3,614.0 | 8,301 | 240.0 | 7.1 | 6.2 |
| NOV | 116,130 | 3,895.0 | 107,969 | 3,663.0 | 8,161 | 232.0 | 7.0 | 6.0 |
| DEC | 116,229 | 3,886.0 | 108,206 | 3,657.0 | 8,023 | 225.0 | 6.9 | 5.8 |
| 1986 | | | | | | | | |
| JAN | 116,786 | 3,888.0 | 108,955 | 3,649.0 | 7,831 | 239.0 | 6.7 | 6.1 |
| FEB | 117,088 | 3,914.0 | 108,561 | 3,683.0 | 8,527 | 231.0 | 7.3 | 5.9 |
| MAR | 117,208 | 3,842.0 | 108,788 | 3,682.0 | 8,419 | 160.0 | 7.2 | 4.2 |
| APR | 117,234 | 3,847.0 | 108,892 | 3,666.0 | 8,342 | 181.0 | 7.1 | 4.7 |
| MAY | 117,664 | 3,916.0 | 109,110 | 3,699.0 | 8,554 | 217.0 | 7.3 | 5.5 |
| JUN | 118,116 | 3,942.0 | 109,673 | 3,745.0 | 8,443 | 197.0 | 7.1 | 5.0 |
| JUL | 118,072 | 3,919.0 | 109,882 | 3,705.0 | 8,190 | 214.0 | 6.9 | 5.5 |
| AUG | 118,182 | 3,927.0 | 110,155 | 3,744.0 | 8,027 | 183.0 | 6.8 | 4.7 |
| SEP | 118,220 | 3,936.0 | 109,891 | 3,750.0 | 8,329 | 186.0 | 7.0 | 4.7 |
| OCT | 118,482 | 3,896.0 | 110,240 | 3,680.0 | 8,242 | 216.0 | 7.0 | 5.5 |
| NOV | 118,654 | 3,933.0 | 110,371 | 3,760.0 | 8,283 | 173.0 | 7.0 | 4.4 |
| DEC | | | | | | | | |

SOURCE: U.S. BUREAU OF LABOR STATISTICS
*ANNUAL AVERAGES NOT SEASONALLY ADJUSTED.

# MONTHLY AVERAGES FOR INDICATORS
# SERIES 1 THROUGH 36

| | INDICATOR SERIES | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | CIVILIAN LABOR FORCE (THOU) | 3264.0 | 3318.0 | 3383.0 | 3457.0 | 3570.0 | 3594.0 | 3593.0 | 3632.0 | 3673.0 | 3828.0 | 3853.0 |
| 2 | RESIDENT EMPLOYMENT (THOU) | 2929.0 | 2973.0 | 3065.0 | 3209.0 | 3323.0 | 3334.0 | 3330.0 | 3306.0 | 3385.0 | 3592.0 | 3635.0 |
| 3 | RESIDENT UNEMPLOYMENT (THOU) | 334.0 | 346.0 | 317.0 | 248.0 | 247.0 | 260.0 | 263.0 | 326.0 | 288.0 | 236.0 | 218.0 |
| 4 | LABOR FORCE PART RATE (%) | 61.3 | 61.6 | 62.2 | 62.9 | 64.3 | 64.2 | 63.5 | 63.6 | 63.6 | 65.6 | 65.4 |
| 5 | EMPLOYMENT POP RATIO (%) | 55.0 | 55.2 | 56.4 | 58.4 | 59.8 | 59.5 | 58.8 | 57.9 | 58.6 | 61.5 | 61.7 |
| 6 | UNEMPLOYMENT RATE (%) | 10.2 | 10.4 | 9.4 | 7.2 | 6.9 | 7.2 | 7.3 | 9.0 | 7.8 | 6.2 | 5.7 |
| 7 | NONFARM PAYROLL EMPLOY (THOU) | 2699.9 | 2753.7 | 2836.9 | 2961.9 | 3027.2 | 3060.4 | 3099.0 | 3092.8 | 3165.1 | 3329.3 | 3419.1 |
| 8 | PRIV SECTOR NONFARM EMP (THOU) | 2229.7 | 2273.2 | 2332.9 | 2438.9 | 2509.4 | 2530.7 | 2569.7 | 2568.1 | 2643.9 | 2807.2 | 2884.7 |
| 9 | PUB SECTOR EMPLOYMENT (THOU) | 470.2 | 480.5 | 504.0 | 523.0 | 517.8 | 529.7 | 529.3 | 524.7 | 521.2 | 522.1 | 534.4 |
| 10 | MANUFACTURING EMP (THOU) | 747.9 | 756.2 | 767.3 | 786.8 | 799.1 | 781.0 | 771.2 | 729.7 | 715.1 | 726.8 | 719.1 |
| 11 | CONSTRUCTION EMPLOYMENT (THOU) | 99.2 | 93.9 | 94.5 | 105.3 | 113.7 | 111.2 | 108.7 | 107.3 | 112.1 | 131.3 | 140.1 |
| 12 | SERVICE-PRODUCING IND (THOU) | 1379.8 | 1420.4 | 1468.2 | 1544.2 | 1593.9 | 1636.1 | 1687.4 | 1727.5 | 1812.0 | 1946.8 | 2023.3 |
| 13 | MANUFACT PROD WRKRS (THOU) | 501.0 | 509.7 | 517.2 | 528.5 | 530.7 | 509.9 | 503.1 | 467.7 | 457.1 | 457.9 | 442.1 |
| 14 | MANUFACT WORKWEEK (HOURS) | 40.0 | 40.4 | 41.1 | 40.8 | 41.2 | 40.7 | 40.6 | 39.9 | 40.6 | 41.1 | 40.8 |
| 15 | AGGREG MANUFACT MANHRS (THOU) | 20039 | 20611 | 21268 | 21538 | 21838 | 20726 | 20449 | 18676 | 18551 | 18842 | 18039 |
| 16 | WKLY EARNINGS OF PROD WKRS ($) | 199.68 | 215.33 | 239.20 | 256.22 | 276.45 | 297.16 | 327.16 | 345.53 | 369.87 | 390.45 | 402.29 |
| 17 | CONSUMER PRICE INDEX (1967=100) | 161.2 | 170.5 | 181.5 | 195.3 | 217.7 | 247.0 | 272.3 | 288.6 | 297.4 | 307.6 | 318.5 |
| 18 | NET SPENDABLE EARNINGS ($) | 103.89 | 105.33 | 110.16 | 110.17 | 108.75 | 103.33 | 101.55 | 102.84 | 106.00 | 107.46 | 105.79 |
| 19 | NEW BUSINESS INCORPS (NO) | 1335.0 | 1523.0 | 1614.0 | 1698.0 | 1764.0 | 1790.0 | 2009.0 | 1867.0 | 2185.0 | 2304.0 | 2538.0 |
| 20 | BUSINESS FAILURES (NO) | 64.0 | 55.0 | 45.0 | 35.0 | 35.0 | 36.0 | 43.0 | 43.0 | 57.0 | 84.0 | 82.0 |
| 21 | ELEC POWER SALES (MIL OF KWH) | 3623.0 | 3800.0 | 3867.0 | 4009.0 | 4065.0 | 4132.0 | 4136.0 | 4063.0 | 4244.0 | 4384.0 | 4480.0 |
| 22 | TOTAL CONST CONTRACTS ($MIL) | 163.4 | 174.0 | 399.7 | 345.3 | 301.2 | 296.9 | 295.5 | 308.8 | 468.5 | 536.8 | 649.8 |
| 23 | RESID CONST CONTRACTS ($MIL) | 52.6 | 67.7 | 93.6 | 113.6 | 141.3 | 108.8 | 108.6 | 116.1 | 228.2 | 242.3 | 346.3 |
| 24 | NONRES CONST CONTRACTS ($MIL) | 61.6 | 63.0 | 76.3 | 100.2 | 112.3 | 129.0 | 132.8 | 132.8 | 176.6 | 215.5 | 200.9 |
| 25 | TOTAL DWELLING UNITS (NO) | 1668.0 | 2323.0 | 2414.0 | 2686.0 | 2546.0 | 1672.0 | 1569.0 | 1589.0 | 2650.0 | 2690.0 | 3565.0 |
| 26 | SINGLE FAMILY DWELL UNITS (NO) | 1118.0 | 1440.0 | 1599.0 | 1917.0 | 1630.0 | 1085.0 | 920.0 | 987.0 | 1664.0 | 1842.0 | 2427.0 |
| 27 | MULTI-FAMILY DWELL UNITS (NO) | 410.0 | 640.0 | 589.0 | 510.0 | 673.0 | 392.0 | 469.0 | 498.0 | 822.0 | 701.0 | 925.0 |
| 28 | RETAIL SALES ($MIL) | 1636.0 | 1819.0 | 2006.0 | 2413.0 | 2568.0 | 2840.0 | 2972.0 | 3118.0 | 3389.0 | 3737.0 | 4034.0 |
| 29 | RETAIL SALES IN 1967 $ ($MIL) | 1013.0 | 1081.0 | 1139.0 | 1288.0 | 1297.0 | 1231.0 | 1193.0 | 1206.0 | 1274.0 | 1365.0 | 1447.0 |
| 30 | NEW PASSENGER CAR REG (NO) | 24911 | 32034 | 37389 | 36404 | 33540 | 33013 | 27254 | 25464 | 29558 | 41764 | 25697 |
| 31 | WEEKS CLAIMED WKLY AVG. (THOU) | 177.8 | 140.3 | 125.3 | 118.0 | 125.5 | 135.0 | 126.5 | 138.9 | 112.7 | 93.7 | 93.4 |
| | INSURED UNEMP RATE (%) | 7.8 | 6.4 | 5.6 | 5.1 | 4.7 | 4.7 | 4.3 | 4.7 | 3.8 | 3.1 | 3.0 |
| 32 | INITIAL CLAIMS WEEKLY AVG (NO) | 17406 | 14599 | 14458 | 14228 | 16175 | 16346 | 15029 | 15842 | 12891 | 11363 | 10758 |
| 33 | EXHAUSTIONS (NO) | 19362 | 16343 | 14881 | 11145 | 12125 | 13112 | 13686 | 16597 | 14369 | 12150 | 7385.0 |
| 34 | INSURED UNEMP IN MFG (THOU) | 74.0 | 48.9 | 43.5 | 40.6 | 42.0 | 50.9 | 43.3 | 54.6 | 41.0 | 33.4 | 36.2 |
| 35 | INSURED UNEMP IN CONST (THOU) | 21.2 | 17.0 | 14.0 | 11.2 | 11.1 | 13.9 | 12.4 | 14.0 | 11.8 | 8.7 | 9.1 |
| 36 | INS UNEMP PRIV SERV-PROD (THOU) | 67.6 | 60.1 | 56.7 | 51.7 | 53.8 | 57.9 | 59.5 | 61.7 | 54.5 | 43.4 | 42.0 |

NOTE: SEE PAGES S-1 TO S-3 FOR DATA SOURCES. DATA SHOWN USING LATEST AVAILABLE BENCHMARKS.
SEE APPROPRIATE PAGES FOR MONTHLY DATA.